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World Development Indicators (W.D.I)

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World Development Indicators [WDI] - Data

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THE WORLD BANK / INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

Date: 1 April 1987

To: Mr. Stephen M. Denning (o/r), Chief, PHND1; Ms. Ishrat Z. Husain, Chief, PHND2; Mr. Emmerich M. Schebeck, Chief, PHND3

From: John S. Akin, Acting Chief, PHNPR *JSA*

Extension: 61580

Subject: Contraceptive prevalence data for the World Development Indicators

1. The attached table gives the latest contraceptive prevalence data we have been able to compile for all countries. We are submitting this to EPD for publication, and would appreciate your informing us of any desirable corrections by c.o.b. Tuesday, 7 April.

2. You may ask your staff to direct comments to R. A. Bulatao (61517) or Junko Sasaki (61587).

Attachment

Table 1. Latest contraceptive prevalence rates from various sources (a)

Country	Year	CPR	Notes	Country	Year	CPR	Notes
<u>Developing countries</u>				Indonesia	1985	40	c
Afghanistan	1972	2		Iran	1978	23	
Algeria	1977	7		Iraq	1974	14	
Angola	1977	1		Jamaica	1983	52	
Antigua	1981	48		Jordan	1983	26	
Argentina	1977	74		Kampuchea	-		
Bangladesh	1985	25	p	Kenya	1984	17	
Barbados	1980.5	47		Kiribati	1982	19	
Benin	1981.5	6	b	Korea, PDR	-		
Bolivia	1983	26		Korea, Rep.	1985	70	
Botswana	1984	29		Kuwait	-		
Brazil	1986	65	p	Laos	-		
Burkina Faso	1977	1		Lebanon	1971	55	
Burma	1980	5		Lesotho	1977	5	
Burundi	1977	1		Liberia	1977	1	
Cameroon	1978	3		Libya	-		
Cen. Afr. Rep	-			Madagascar	-		
Chad	1977	1		Malawi	1977	1	
Chile	1978	43		Malaysia	1984.5	51	
China	1982	69		Mali	1977	1	
Colombia	1984	55		Martinique	1976	51	
Congo	-			Mauritania	1981	1	
Cook Islands	1983	40		Mauritius	1984	56	
Costa Rica	1981	66		Mexico	1982	48	
Cote D'Ivoire	1980.5	3		Mongolia	-		
Cuba	1980	60		Morocco	1983.5	27	
Cyprus	-			Mozambique	-		
Dominica	1981	62		Nepal	1981	7	
Dominican Rep	1986	50	p	Nicaragua	1977	9	
Ecuador	1982	40		Niger	1977	1	
Egypt	1984	32		Nigeria	1981.5	5	
El Salvador	1985	48		Oman	-		
Eq. Guinea	-			Pakistan	1984	11	
Ethiopia	1981	2		Panama	1984	61	
Fiji	1978	38		Papua-N.G.	1980	4	
Gambia	1977	1		Paraguay	1979	39	
Ghana	1979.5	10		Peru	1981	43	
Guadeloupe	1975	44		Philippines	1983	32	
Guatemala	1983	25		Puerto Rico	1982	69	
Guinea	1977	1		Rwanda	1982	1	
Guinea-Bissau	1977	1		St. Lucia	1981	52	
Guyana	1975	35		St. Vincent	1981	56	
Haiti	1983	7		Samoa, Wester	1982	18	
Honduras	1984	35		Saudi Arabia	-		
HongKong	1984	72		Senegal	1986	12	p
India	1985	35		Sierra Leone	1982	4	

Table 1. Latest contraceptive prevalence rates (continued)

Country	Year	CPR	Notes	Country	Year	CPR	Notes
Singapore	1982	74		Developed countries			
Somalia	1983	0		Australia	1971	67	
South Africa	-		e	Belgium	1975.5	85	
Sri Lanka	1982	57		Bulgaria	1976	76	
Sudan	1978.5	5		Canada	1984	73	
Syria	1978	30		Czechoslovakia	1977	95	
Taiwan	1985	78		Denmark	1975	63	
Tanzania	1977	1		Finland	1977	80	
Thailand	1984	65		France	1978	79	
Togo	-			Hungary	1977	74	
Tonga	1976	46		Ireland	1973	60	
Trin.-Tobago	1977	55		Italy	1979	78	
Tunisia	1983	42		Japan	1984	57	
Turkey	1983	62		Netherlands	1982	78	
Tuvalu	1983	30		Norway	1977.5	71	
Uganda	1982	1		Poland	1977	75	
Un. Arab Emir	-			Portugal	1979.5	70	
Venezuela	1977	49		Romania	1978	58	
Vietnam	1981	20		Spain	1977	51	
Yemen, AR	1979	1		Sweden	1981	78	
Yemen, PDR	-			Switzerland	1980	70	
Zaire	1977	1		United Kingdo	1976	77	
Zambia	1977	1		USA	1982.5	68	
Zimbabwe	1984	40		Yugoslavia	1976	55	

Notes:

- a 15-44 unless otherwise indicated.
- b Differs from most sources by excluding 13.8 percent abstaining for noncontraceptive reasons.
- c Survey gives 38 percent for 15-49. This is adjusted to 40 percent for 15-44.
- d Mean of 1 percent across five major urban areas.
- e No estimate possible. The U.N. high figure includes noncontraceptive abstinence, but the low figure excludes nonsupply methods.

OFFICE MEMORANDUM

DATE: March 25, 1987

TO: Country Programs, Division Chiefs

FROM: Boris Blazic-Metzner, ^{MB}Acting Chief, EPDCA

SUBJECT: World Development Indicators 1987: Step 2 Clearance

1. In January you cleared preliminary total population figures provided by PHN. This was the first step in clearing demographic and other social statistics for the 1987 World Development Indicators (WDI) and the Social Indicators of Development (SIDS) volume.
2. Once you agreed with total population levels, we proceeded to calculate all other demographic and social statistics. This full set of social indicators for each country in your division is enclosed. These figures will appear in the WDI and SIDS unless you have any corrections.
3. Following the distribution of total population figures in January, several country economists objected to some data and submitted more recent figures. The figures highlighted in the attached table reflect any changes made following your discussions with PHN and EPDCA.
4. If you have any questions on these figures, please contact Bruce Fuller (EPDCA, x33818)

cc: Regional Chief Economists
Country Program Senior Economists
Messrs. Baneth, Grilli, Chander, EPD
Ward, Ahmad, Fuller, Ms. Gutierrez-Ferguson, EPDCA
Ms. Birdsall, Mr. Zachariah, Ms. Vu, PHNPR

BFuller:jmca

3/12 ~~HE~~ / *Del*

THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

DATE : March 11, 1987

TO : Mr. John C. O'Connor, Chief, EPDCA

FROM : K. C. Zachariah, ³⁴PHNPR

EXTENSION : 61579

SUBJECT : Total Population of Selected Latin American Countries

As I mentioned in my last memo (March 5, 1987) we have now received a revised set of estimates and projections for all Latin American countries from the UN Population Center in Santiago (CELADE). On the basis of this revision we propose to change the 1980 and 1985 total population of 6 countries (Table 1). Please get the necessary clearance from the region for these changes.

KCZ/cc

cc: Mss. My Vu, (PHNPR), Marshall (LC2BP)
Messrs. Sherer (LC2AR), Koenig (LC1HP), Knotter (LC1CA)

Attachment

Table 1. Revised Population Estimates for
Six Latin American Countries

Countries	1980 Population		1985 Population	
	Old	Revised	Old	Revised
1. Argentina	28,237	28,237	30,531	30,564
2. Dominican Rep.	5,558	5,697	6,243	6,416
3. El Salvador	4,797	4,525	5,552	4,768
4. Haiti	5,009	5,413	5,451	5,922
5. Honduras	3,691	3,662	4,372	4,383
6. Paraguay	2,982	3,147	3,388	3,693

Note: The numbers under old are those already cleared by the economist.

The numbers under revised are the suggested new ones.

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**THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM**

DATE : March 5, 1987

TO : John C. O'Connor

FROM : K. C. Zachariah *KC*

EXTENSION : 61579

SUBJECT : Base Population data for 1987 WDI

1. We have now reviewed the comments of economists regarding the 1980 and 1985 total population of all countries and most of the discrepancies have been resolved. The following table gives the results of our review and discussions with the economists.

<u>Country</u>	<u>Our Comments</u>
1. <u>Malawi:</u> (Narain x34061)	The economist wanted us to resolve the difference between PHNPR estimates and those in PHN sector report (March 10, 1986) The estimates in the sector report are based on a review done in Oct. 1984. PHNPR estimates were made last year based on Govt. estimates and we think that they are better than the Bank's 1984 estimates.
2. <u>Somalia</u> (Farzin x34367)	The economist wanted some clarification about refugees. We don't include refugees in camps in our population estimate.
3. <u>Zambia</u> (Durdag x43323)	The estimates were changed last year at the insistence of last year's economist (Ms. Singh) very much against our will. This year they wanted us to go back to our previous estimates. We have no objection.
4. <u>Uganda</u> (Saito x34257)	We were following UN estimates as they were prepared by a Uganda national working in the UN. The economist wanted us to use Govt. figures. As the differences are not large, we have no objection to using Govt. figures.
5. <u>Senegal</u> (Ordoubadi x35004)	The economist gave new age distribution and slightly different total population for 1985. We accept both age distribution and the new 1985 total.

- | | | |
|--|---|---|
| 6. <u>Liberia</u> | } | |
| 7. <u>Ghana</u> | | Economist accepted PHNPR estimate. |
| 8. <u>Sierra Leone</u>
(Addison
x78086) | | |
| 9. <u>The Gambia</u>
(Bruns
x35006) | | We accepted economist suggestion for 1983 census total population and migration estimates as the differences are very small. |
| 10. <u>Cameroon</u>
(Saadat
x34747) | | Pending, but unlikely to change very much. |
| 11. <u>Gabon</u>
(Berlin
x34742) | | Economist accepted revised PHNPR estimates. |
| 12. <u>Eq. Guinea</u>
(Saadat
x34747) | | Accepted PHNPR estimates after explanation. |
| 13. <u>Guinea</u>
(Manuelyan-
Atinc
x34950) | | The economist wanted us to use a growth rate of 2.5 or more for 1980-85. We agreed to increase ours to the UN level; that is, to a growth rate of 2.3 for 1980-85. The population for 1985 will be changed accordingly. |
| 14. <u>Congo</u>
(Saadat
x34747) | | Economist accepted our estimates when explained. |
| 15. <u>Central Afr. Rep.</u>
(Saadat
x34747) | | We accepted economists' suggestions. |
| 16. <u>Korea, Rep.</u>
(Song
x61985) | | Accepted economists' suggestion.
(Small difference.) |
| 17. <u>Indonesia</u>
(Talati
x60625) | | Economist accepted our figures after discussion. |
| 18. <u>Thailand</u>
(Joshi
x61992) | | Accepted Govt. figures as given by economist. |

- | | |
|--|---|
| 19. <u>Sri Lanka</u>
(Glewwe
x33784) | We will use Govt. figures as given by
the economist. |
| 20. <u>Turkey</u>
(Balkind
x32852) | Pending. |
| 21. <u>Oman</u>
(Giddings
x32489) | Economist accepted our estimates after
explanation. |
| 22. <u>Egypt</u> | Pending. |
| 23. <u>Yemen Arab Rep.</u>
(Khenissi
x32468) | Pending. |
| 24. <u>Peru</u>
(White
x75925) | Economist accepted our estimates after
explanation. |

Countries in Latin America

We have just reviewed new population estimates and projections for Latin American countries from the UN Population Center in Santiago (CELADE). We are examining them. If there is anything new we will try to use them after getting clearance from the region.

KCZ/cc

cc: Mss. Vu (PHNPR), Saito (EALKU), Bruns (WA2DB), Saadat (WA2DC),
Manualyan-Atinc (WA2DD), Giddings (EM2DC)
Messrs. Narain (EALSE), Farzin (EA2NE), Durdag (EALSA),
Ordoubadi (WA2DB), Addison (WALDB), Berlin (WA2DC),
Song (AEAKO), Talati (AEAIN), Joshi (AEAKO), Glewwe (DRDLS),
Balkind (EM2DA), Khenissi (EM1DA),
White (LC1PA)

3/5 1pm
3/6 3pm

11.

THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

DATE : March 5, 1987

TO : S. Khenissi, EM1

FROM : K. C. Zachariah, ~~EM1~~ *KS*

EXTENSION : 61579

SUBJECT : Population of YAR: WDI, 1987

You wanted us to use 9,013 million for 1985 and 7.812 million for 1980 as the population of YAR. Starting with a population of 9.274 million for 1 Feb. 1986 and a growth rate of 2.9% per year, the figures should be:

1985	9.120 million
1980	7.875 million

The census figure, 9.274 million, includes millions of Yemenis living permanently in Saudi Arabia and other areas outside YAR. Therefore, these estimates of the total population of YAR are very much exaggerated. Bank estimates and projections for other countries are usually based on de facto population, that is, population actually living in the country at the time of the census enumeration.

If we use the de jure population (that is, including population living outside) there is the problem of double counting, as the same people will be counted in Saudi Arabia, other destinations and also in YAR.

Other agencies such as the United Nations, US Bureau of the Census, etc., have a much smaller total population for YAR as can be seen from the following table.

Year	Bank 1986 WDR	Your Proposal for 1987	United Nations	US Census Bureau
1980	7.039	7.812	5.981	5.404
1985	7.955	9.013	6.848	6.166

If we use the set of figures you have sent us, the difference between the Bank and the other agencies will become even larger.

I have not seen the 1986 census results, but from what I have heard, it is my feeling that the population is overestimated. The error in the census and the use of de jure population could be overestimating the population of the country very much.

I suggest that we jointly review the 1986 census data, evaluate its accuracy, and decide once again whether to use de facto or de jure population in our estimates and projections.

KCZ/cc

cc: Messrs. O'Connor (EPD), Schebeck (PHND3)
Ms. Vu (PHNPR)

OFFICE MEMORANDUM

DATE: February 26, 1987

TO: Mr. Zachariah, PHNPR

THROUGH: Mr. John C. O'Connor, Chief, EPDCA *OC*

FROM: Bruce Fuller, EPDCA *BF*

SUBJECT: Status Report: Step 1 Clearance of PHN/WDI Population Figures

1. Within Step 1 of our clearance process, we have heard from many country economists regarding 1980 and 1985 total population figures. The attached listing indicates all regional staff that have contacted EPDCA.
2. Most country economists cleared the PHNPR figures. When problems were raised (see the attached table), we urged economists to contact your office to resolve these differences and to submit necessary documentation. I would appreciate a note from you on this latter set of 'pending' countries, and your views of the unresolved issues.

Attachment

cc: Ms. Birdsall, Ms. Vu, Mr. Bulateo, PHNPR
Mr. Chander, EPDDR
Messrs. Blazic-Metzner, Ward, Ahmad, Cieslikowski, EPDCA
Ms. Gutierrez-Ferguson, EPDCA

BFuller:jmca

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=====
Region   | Country   | CEconomist | Step 1 | Objection
        |           | or Contact | (PHN)  |
=====
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AFRICA EAST

Region	Country	CEconomist or Contact	Step 1 (PHN)	Objection
AfrE	Malawi	Harain	pending	PHN double-checking 685 figure.
AfrE	Somalia	Farzin	pending	CE asking for clarification: are refugees included?
AfrE	Mauritius	Somer	ok	
AfrE	Botswana	Hall	ok	
AfrE	Nigeria	Tallroth	ok	
AfrE	Tanzania	Harain	ok	
AfrE	Kenya	Lee	ok	CE notes that '79 was latest census.
AfrE	Mozambique	Harain	ok	
AfrE	Comoros	Eap	ok	
AfrE	Lesotho	Hall	ok	
AfrE	Ethiopia		no reply	
AfrE	Zaire		no reply	
AfrE	Zambia		no reply	
AfrE	Sudan		no reply	
AfrE	Djibouti		no reply	
AfrE	Burundi		no reply	
AfrE	Uganda		no reply	
AfrE	Rwanda		no reply	
AfrE	Swaziland		no reply	
AfrE	Seychelles		no reply	
AfrE	Madagascar		no reply	
AfrE	Zimbabwe		no reply	

AFRICA WEST

Region	Country	CEconomist or Contact	Step 1 (PHN)	Objection
AfrW	Senegal	Ordoubadi	pending	CE reports '85 figure 1% higher.
AfrW	Liberia	Addison	pending	Reporting discrepancies to My Vu.
AfrW	Ghana	Addison	pending	Reporting discrepancies to My Vu.
AfrW	Sierra Leone	Addison	pending	Reporting discrepancies to My Vu.
AfrW	Guinea-Bis	Clawson	ok	
AfrW	Niger	Heim	ok	
AfrW	Burkina	Traore	ok	
AfrW	Mali	J Todd ++	ok	
AfrW	Gambia		no reply	
AfrW	Cameroon		no reply	
AfrW	Cape Verde		no reply	
AfrW	Benin		no reply	
AfrW	Mauritania		no reply	
AfrW	Gabon		no reply	
AfrW	Chad		no reply	
AfrW	Eq Guinea		no reply	
AfrW	Guinea		no reply	
AfrW	Congo		no reply	
AfrW	Nigeria		no reply	
AfrW	Cote d'Ivoire		no reply	
AfrW	Togo		no reply	
AfrW	Cent Afr Rep		no reply	

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Region	Country	CEconomist or Contact	Step 1 (PHN)	Objection
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ASIA EAST

AsiaE	Korea, Rep	Song	pending	Discrepancy of 0.5% for 1985 figure. CE reports figure 1% higher.
AsiaE	Indonesia	Talati	pending	
AsiaE	Thailand	Joshi	pending	CE gives '85 figure at 2% higher than PHN.
AsiaE	Laos	Bornnell	ok	
AsiaE	Solomon Isle	Qureshi	ok	
AsiaE	Philippines	I Guerrero ++	ok	
AsiaE	Kampuchea	Bornnell	ok	
AsiaE	Vietnam	Bornnell	ok	
AsiaE	PNG	Qureshi	ok	
AsiaE	Vietnam	Bornnell	ok	
AsiaE	Vanuatu	Qureshi	ok	
AsiaE	W Samoa	Qureshi	ok	
AsiaE	Lao		no reply	
AsiaE	China		no reply	

ASIA SOUTH

AsiaS	India	King	ok	
AsiaS	Pakistan	Allison	ok	
AsiaS	Bangladesh	H Ribe ++	ok	
AsiaS	Sri Lanka	Glewwe	ok	DRD data on parameters inconsistent w/PHN figs.
AsiaS	Burma		no reply	
AsiaS	Nepal		no reply	
AsiaS	Sri Lanka		no reply	
AsiaS	Bhutan		no reply	

EUROPE, NAFRICA & MIDDLE EAST

Emena	Turkey	Balkind	pending	Requests chg in '85 pop, discrepancy = 1%
Emena	Yugoslavia	Jalali	ok	
Emena	Cyprus	Giddings	ok	
Emena	Hungary	Kessidis	ok	
Emena	Oman	Giddings	ok	
Emena	Portugal	Lavia	ok	
Emena	Morocco	Mateus	ok	
Emena	UAE	Giddings	ok	
Emena	S Arabia	Giddings	ok	Mr. Boonma skeptical of land use data (FAO).
Emena	Libya	Giddings	ok	
Emena	Poland	King	ok	Mr. Hinayan given several SIDS revisions fm gov't.
Emena	Tunisia	Giddings	ok	
Emena	Iraq	Giddings	ok	
Emena	Syria	Balkind	ok	
Emena	Kuwait	Giddings	ok	
Emena	Qatar	Giddings	ok	
Emena	Algeria	Semsarzadeh	ok	
Emena	Romania	Rangachar	ok	
Emena	Greece	Balkind	ok	
Emena	Jordan	Giddings	ok	Still need to request East Bank only figs fm PHN.
Emena	Yemen, PDR	Rangachar	ok	
Emena	Lebanon		no reply	
Emena	Bahrain		no reply	

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Region | Country | CEconomist | Step 1 | Objection
      |         | or Contact | (PHN) |
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LATIN AMERICA

Region	Country	CEconomist or Contact	Step 1 (PHN)	Objection
Lac	Bolivia	Giral	ok	Checking with NSO, slight discrepancy.
Lac	Jamaica	Robinson	ok	
Lac	Haiti	Burnett	ok	
Lac	Guatemala	Derbez	ok	
Lac	Panama	Lazlatt	ok	
Lac	Ecuador	Thobani	ok	
Lac	Uruguay	Giral	ok	CE notes that '85 census should be out soon.
Lac	Chile	Newfarmer	ok	
Lac	Argentina	Ebiri	ok	
Lac	Paraguay	Giral	ok	
Lac	Colombia	Bonnick	ok	
Lac	El Salvador	Derbez	ok	
Lac	Nicaragua	Derbez	ok	
Lac	Honduras	Derbez	ok	
Lac	Costa Rica	Derbez	ok	
Lac	Venezuela		no reply	
Lac	Mexico		no reply	
Lac	Dominican Rep		no reply	
Lac	Peru		no reply	
Lac	Brazil		no reply	

OFFICE MEMORANDUM

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DATE February 17, 1987
TO Distribution Below
FROM R. Chander, EPDDR
EXTENSION 3803
SUBJECT 1987 World Development Indicators:
Production Schedule and Task Assignments

1. The production for the 1987 World Development Indicators (WDI), the statistical annex to the World Development Report (WDR) is now under way, and this note is to inform staff of the production schedule, staff assignments, and information regarding the WDI format and contents.
2. Although the basic table format and design will be similar to the 1986 WDI, there will be changes in country groupings in line with the memo of November 12, 1986, the addition of one or two new tables, and improved computing and typesetting communication links. These changes generally affect only a few staff assigned to the WDI production, and will be discussed with them at a later date.
3. The attached tables include the following:
 - I. WDI production schedule--overall schedule with deadlines for data development, programming, data review and printing.
 - II. Tentative country groups and country order with countries ranked by GNP per capita; cutoff between low and middle income remains at \$400/capita.
 - III. Tasks and staff assignments--table by table description of major tasks and staff assignments.
 - IV. Detailed task schedule--brings together detailed tasks and production schedule deadlines.
 - V. WDI time period table--update of time periods covered by table and by indicator (column).

The overall systems coordination will be done by Ms. S. Badiie and Mr. I. Levent, and Ms. E. Crayford will be the editor. Mr. D. Cieslikowski and Ms. K. Vijayalakshmi under Mr. J. O'Connor's supervision, comprise the WDI team this year, and they will be

contacting each staff member involved in the WDI production during the next week to discuss any points that need clarification.

Attachments

Distribution

Messrs./Mmes. O'Connor, EPDCA Staff
Badee, Levent (EPDSU)
Larkum, Florendo, Allen (EPDED)
Duncan, Dow, Najmabadi (EPDCS)
Birdsall, Vu, Zachariah (PHNPR)
Smith, Lu (FPAFS)
Winterbottom, Lee (PUBEP)
D. Cieslikowski (Draftee)
Baneth (EPDDR) (without attachments)
Rajapatirana (WDR) (without attachments)

DCieslikowski/RChander:bd

1987 WDI PRODUCTION SCHEDULE

October 1- November 15 Develop format/country groups/subtotals
 Develop new tables, maps
 Develop new programs/presentation of summary measures in ANDRE
 Develop links between EXPRESS, LOTUS and typesetter.
 Discuss typesetting/production issues with publications and typesetter

November 15-December 15 Discuss plans with EPD divisions, other Departments.
 (Debt, Commodities, PHN, FPAFS)
 Develop timetable/assignments of table development
 Prepare preliminary WDI country order based on ATLAS GNP per capita

December 15-February 13 Continue data development
 Test ANDRE mechanism for WDI table generation

February 13 Complete step 1 of demographic data clearance

February 16-March 6 Complete programming modifications in EXPRESS/ANDRE
 Test maps on MapMaster
 Send test (LOTUS) files to typesetter

March 9-20 Major re-run of "mixed pot" (with regional input from country briefs, EPDGL
 and WED updates) data
 Final tests of ANDRE mechanism for WDI table generation/(links to LOTUS)
 Complete step 2 of demographic and social data clearance
 Revise technical notes, other editing
 Develop graphics

March 23 Fix final country order (based on 1985 GNP per capita)

March 23-27 Run EXPRESS/ANDRE; check data and review summary measures
 Make final changes in programming
 Edit technical notes and tables

March 30-April 9 Run final EXPRESS/ANDRE tables (and download to LOTUS) for Board Draft
 Send table headings to typesetter
 Topic experts clear technical notes draft text and tables

April 9 Front office clearance of technical notes and tables
 Finalize footnotes, editing/format conventions

April 13-16 Compile all tables and notes for Board draft

April 16 Send draft to printshop
 Send technical notes and other related tables to typesetter

April 20 Secretary's Department distributes draft to Board
 Framework of WDI tables to typesetter
 Send map data to publications

April 20-May 11 WDI tables to typesetter

May 11- May 19 Check typeset tables; final changes to typesetter

July 7 WDR publication (embargo) date

TENTATIVE COUNTRY GROUPS AND ORDER FOR 1987 WDI

			LOW INCOME			1985 GNP/CAP
SUB1	SUB2	SUB3				
1	SSA	OTHL	ETH	Ethiopia		110
2	SSA	OTHL	HVO	Burkina Faso		140
3	SSA	OTHL	MLI	Mali		140
4		OTHL	BGD	Bangladesh		150
5		OTHL	BTN	Bhutan		160
6		OTHL	NPL	Nepal		160
7	SSA	OTHL	MWI	Malawi		170
8	SSA	OTHL	ZAR	Zaire		170
9		OTHL	BUR	Burma		190
10	SSA	OTHL	NER	Niger		200
11	SSA	OTHL	BDI	Burundi		240
12		CHNIN	IND	India		250
13	SSA	OTHL	MDG	Madagascar		250
14	SSA	OTHL	TGO	Togo		250
15	SSA	OTHL	BEN	Benin		270
16	SSA	OTHL	CAF	Central African Rep.		270
17	SSA	OTHL	SOM	Somalia		270
18	SSA	OTHL	TZA	Tanzania		270
19	SSA	OTHL	KEN	Kenya		290
20	SSA	OTHL	RWA	Rwanda		290
21		CHNIN	CHN	China		310
22	SSA	OTHL	GIN	Guinea		320
23	SSA	OTHL	SDN	Sudan		330
24		OTHL	HTI	Haiti		350
25	SSA	OTHL	SEN	Senegal		370
26	SSA	OTHL	SLE	Sierra Leone		370
27		OTHL	LKA	Sri Lanka		370
28		OTHL	PAK	Pakistan		380
29	SSA	OTHL	GHA	Ghana		390
30	SSA	OTHL	ZMB	Zambia		400
31		OTHL	AFG	Afghanistan		NA
32	SSA	OTHL	TCD	Chad		NA
33		OTHL	KHM	Kampuchea, Dem.		NA
34		OTHL	LAO	Lao PDR		NA
35	SSA	OTHL	MOZ	Mozambique		NA
36	SSA	OTHL	UGA	Uganda		NA
37		OTHL	VNM	Viet Nam		NA
			MIDDLE INCOME			
38	SSA		MRT	Mauritania		410
39		HIDEBT	BOL	Bolivia		470
40	SSA		LBR	Liberia		470
41	SSA		LSO	Lesotho		480
42			YEM	Yemen Arab Rep.		520
43		OILX	IDN	Indonesia		530
44			YMD	Yemen, PDR		540
45		HIDEBT	PHL	Philippines		600
46		HIDEBT	MAR	Morocco		610
47	SSA	HIDEBT	CIV	Cote d'Ivoire		620
48	SSA		ZWE	Zimbabwe		650

49		OILX		EGY	Egypt, Arab Rep.	680
50				SLV	El Salvador	710
51				PNG	Papua New Guinea	710
52				HND	Honduras	730
53	SSA	OILX	HIDEBT	NGA	Nigeria	760
54	SSA	OILX		CMR	Cameroon	810
55				DOM	Dominican Rep.	820
56				THA	Thailand	830
57	SSA			BWA	Botswana	840
58				NIC	Nicaragua	850
59			HIDEBT	JAM	Jamaica	940
60				PRY	Paraguay	940
61			HIDEBT	PER	Peru	960
62	SSA	OILX		COG	Congo, People's Rep.	1,020
63	SSA			MUS	Mauritius	1,070
64				TUR	Turkey	1,130
65		OILX	HIDEBT	ECU	Ecuador	1,160
66				TUN	Tunisia	1,220
67				GTM	Guatemala	1,240
68			HIDEBT	CRI	Costa Rica	1,290
69			HIDEBT	COL	Colombia	1,320
70			HIDEBT	CHL	Chile	1,440
71				JOR	Jordan	1,560
72		OILX		SYR	Syrian Arab Rep.	1,630
73		XMAN	HIDEBT	BRA	Brazil	1,640
74			HIDEBT	URY	Uruguay	1,660
75		XMAN		HUN	Hungary	1,940
76				PRT	Portugal	1,970
77				ZAF	South Africa	2,010
78				PAN	Panama	2,020
79				MYS	Malaysia	2,050
80		XMAN	HIDEBT	YUG	Yugoslavia	2,070
81		OILX	HIDEBT	MEX	Mexico	2,080
82		XMAN		POL	Poland	2,120
83			HIDEBT	ARG	Argentina	2,130
84		XMAN		KOR	Korea, Rep. of	2,180
85		OILX		DZA	Algeria	2,530
86		OILX	HIDEBT	VEN	Venezuela	3,110
87				GRC	Greece	3,550
88		XMAN		ISR	Israel	4,920
89		OILX		TTO	Trinidad and Tobago	6,010
90		XMAN		HKG	Hong Kong	6,220
91		OILX		OMN	Oman	7,080
92		XMAN		SGP	Singapore	7,420
93		OILX		IRN	Iran, Islamic Rep.	NA
94		OILX		IRQ	Iraq	NA
95		XMAN		ROM	Romania	NA
96				LBN	Lebanon	NA

HIGH-INCOME OIL EXPORTERS

97				LBY	Libyan Arab Rep.	7,500
98				SAU	Saudi Arabia	8,860
99				KWT	Kuwait	14,270
100				ARE	United Arab Emirates	19,120

	INDUSTRIAL	MARKET ECONOMIES	
101	ESP	Spain	4,360
102	IRL	Ireland	4,840
103	ITA	Italy	6,520
104	NZL	New Zealand	7,310
105	GBR	United Kingdom	8,390
106	BEL	Belgium	8,450
107	AUT	Austria	9,150
108	NLD	Netherlands	9,180
109	FRA	France	9,550
110	AUS	Australia	10,840
111	FIN	Finland	10,870
112	DEU	Germany, Fed. Rep.	10,940
113	DNK	Denmark	11,240
114	JPN	Japan	11,330
115	SWE	Sweden	11,890
116	CAN	Canada	13,670
117	NOR	Norway	13,890
118	CHE	Switzerland	16,380
119	USA	United States	16,400

NON MEMBER, NON REPORTING COUNTRIES

120	ALB	Albania	NA
121	AGO	Angola	NA
122	BGR	Bulgaria	NA
123	CUB	Cuba	NA
124	CSK	Czechoslovakia	NA
125	DDR	German Dem. Rep.	NA
126	PRK	Korea, Dem. People's Rep.	NA
127	MNG	Mongolia	NA
128	SUN	USSR	NA

NOTE: LOW INCOME SUB GROUPS:

SSA SUB-SAHARAN AFRICA
 CHNIN CHINA & INDIA
 OTHL OTHER LOW INCOME

MIDDLE INCOME SUB GROUPS

SSA SUB-SAHARAN AFRICA
 OILX OIL EXPORTERS
 XMAN EXPORTERS OF MANUFACTURES
 HIDEBT HIGHLY INDEBTED COUNTRIES

1987 WDI TASKS AND STAFF ASSIGNMENTS

NO.	NAME	TASKS				EPD STAFF ASSIGNED TO:									
		MAIN	SECONDARY	TERTIARY	OTHER	WDI TEAM		TOPIC EXPERTS			SYSTEMS				
							1	2	3	4	5				
1	BASIC INDICATORS	NAC	SOC			KV	KV	SA	BF	MG			RZ	YK	
2	GROWTH OF PRODUCTION	NAC				KV	VS	KV	SO	RF	SP		RZ	YK	
3	STRUCTURE OF PRODUCTION	NAC				KV	RF	VS	SO	KV	SP		RZ	YK	
4	GROWTH OF CONS & INV.	NAC				KV	KV	RF	SO	VS	SP		RZ	YK	
5	STRUCTURE OF DEMAND	NAC				KV	SO	SP	VS	KV	RF		RZ	YK	
6	AGRICULTURE & FOOD	AGR	NAC	SOC		DC	_BD	KV	SA	MG			_TS	RZ	
7	INDUSTRY	IND	NAC			KV	TK	KV					RZ	YK	
8	COMMERCIAL ENERGY	EGY	SOC	TRD		KV	_FN	BF	JP	MB			_TS	RZ	
9	GROWTH OF MERCH. TRADE	TRD				KV	JP	RQ	MB				RZ	YK	
10	STRUCTURE OF MERCH. EXPORTS	TRD				KV	JP	RQ	MB				RZ	YK	
11	STRUCTURE OF MERCH. IMPORTS	TRD				KV	JP	RQ	MB				RZ	YK	
12	ORIGIN & DEST. MERCH. EXPORTS	TRD				KV	JP	RQ	MB				RZ	YK	
13	ORIGIN & DEST. MANUF. EXPORTS	TRD				KV	JP	RQ	MB				RZ	YK	
14	BALANCE OF PYMNTS & RESERVES	BOP				KV	MH						RZ	YK	
15	GROSS EXTERNAL LIABILITIES	DBT				DC	_BF						_TA	RZ	
16	FLOW OF PUB & PRIV EXT. CAP	DBT				DC	_BF						_TA	RZ	
17	TOT EXT. PUB & PRIV DEBT & RATIOS	DBT				DC	_BF						_TA	RZ	
18	EXT. PUB DEBT & DEBT SER RATIOS	DBT				DC	_BF						_TA	RZ	
19	TERMS OF EXT. PUB. BORROWING	DBT				DC	_BF						_TA	RZ	
20	ODA FROM OECD AND OPEC MEMBERS	ODA	NAC			DC	_JL						RZ	YK	
21	ODA: RECEIPTS	_ODA	DBT	NAC	SOC	DC	_BF	KV	BF				_TA	RZ	
22	CENTRAL GOV'T. EXPENDITURE	GFS	NAC			KV	BN	KV					RZ	YK	
23	CENTRAL GOV'T. CURRENT REVENUE	GFS	NAC			KV	BN	KV					RZ	YK	
24	INCOME DISTRIBUTION	IDN				KV	JP						RZ	YK	
25	POPULATION GROWTH & PROJECTIONS	SOC				KV	SA	BF	MG	_MV			RZ	YK	
26	DEMOGRAPHY AND FERTILITY	SOC				KV	SA	MG	_MV				RZ	YK	
27	LIFE EXPECTANCY & RELATED INDICAT	SOC				KV	SA	MG	_MV				RZ	YK	
28	HEALTH-RELATED INDICATORS	SOC				KV	SA	MG					RZ	YK	
29	EDUCATION	SOC				KV	SA	BF					RZ	YK	
30	LABOR FORCE	SOC				KV	SA	BF	_MV				RZ	YK	
31	URBANIZATION	SOC				KV	SA	MG	BF	_MV			RZ	YK	
32	MONETARY /1	MON	NAC			KV	DC	DC					RZ	YK	
33	WAGES & SALARIES /1	IND	NAC			KV	TK	OC					RZ	YK	
	SMALL COUNTRY	NAC	SOC			KV	KV	SA	BF	MG			RZ	YK	
	TECHNICAL NOTES	EDT	SEC			DC	EC	DC	_RC	DC	LT		RZ	YK	
	OTHER PRODUCTION	EDT	SEC			DC	EC	DC	LT	SJ					

/1 PROPOSED NEW TABLES

1987 WDI--TABLE OF CODES AND ABBREVIATIONS

TASK CODES	STAFF ABBREVIATIONS
AGR AGRICULTURE	BB BORIS BLAZIC-METZNER
BOP BALANCE OF PAYMENTS	BF BRUCE FULLER
DBT DEBT	BN BERTHA NAMFUA
EDT EDITING	DC DAVID CIESLIKOWSKI
EGY ENERGY	EC ELIZABETH CRAYFORD
GFS GOVERNMENT FINANCE	JP JONG-BOO PARK
IDN INCOME DISTRIBUTION	KV VIJAYA
IND INDUSTRY	LT LUCY TAN
MON MONETARY	MB MAJA BRESSLAUER
NAC NATIONAL ACCOUNTS	MG MIRIAM GUITERREZ-FERGUSON
ODA OFFICIAL DEVELOP. ASSIST. (DONOR)	MH MICHAEL HEE
SEC SECRETARY	OC JOHN O'CONNOR
SOC DEMOGRAPHIC & SOCIAL	RF RAQUEL FOK
TRD TRADE	RZ REZA FARIVARI
_ODA OFFICIAL DEVELOP. ASSIST. (RECEIPT)	SA SULTAN AHMAD
	SJ SHALLY JOHN
	SO SAM OLAYINKA
	SP SERGIO PENA
	TK TARANJIT KAUR
	VS VILAY SOULATHA
	YK YOUNG KIM
	_BD BETTY DOW
	_BF BETTY FLORENDO
	_FN FARROKH NAJMABADI
	_JL JUDY LU
	_MV MY VU
	_RC RAMESH CHANDER
	_TA TONY ALLEN

C:\WDI87\STAFFPLAN

Publ	Task		Staff assigned					Start date	Deadline	Remarks	
			chron	1	2	3	4				5
action	subject	topic	dest	order							
WDI	cor	project		0	DC	KV		01-Nov-86	30-May-87		
WDI	dec	contents		1	RC	DC	KV	EC	01-Nov-86	13-Feb-87	
WDI	des	new-tables		2	DC	RC	DC	KV	01-Nov-86	13-Feb-87	
WDI	des	new-maps		3	DC	KV	RC	EC	26-Jan-87	13-Feb-87	
WDI	des	new-charts		4	DC	KV	RC	EC	26-Jan-87	13-Feb-87	
WDI	prp	tab-data	NAC	4		KV			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	BOP	4		MH			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	TRD	4		JP			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	IND	4		TK			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	EGY	4		_FN			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	AGR	4		_BF			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	DBT	4		_BF			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	ODA	4		_JL			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	ODA_	4		_BD			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	MON	4		VS			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	GFS	4		DC			15-Dec-86	20-Mar-87	
WDI	prp	tab-data	POP	4		BF	SA	MG	15-Dec-86	20-Mar-87	
WDI	upd	tab-data	SOC	4		BF	SA	MG	01-Jan-87	01-Apr-87	
WDI	clr	tab-data	SOC	REG	5		BF	SA	MG	15-Jan-87	06-Mar-87
WDI	prp	tables	SOC	6		BF	SA	MG	01-Mar-87	01-Apr-87	
WDI	prp	map-data		5		DC	KV	EC	03-Mar-87	23-Mar-87	
WDI	prp	chart-data		6		DC	KV	EC	02-Mar-87	27-Mar-87	
WDI	edt	boxheads		7		EC	KV	DC	SJ	09-Mar-87	20-Mar-87
WDI	edt	stubs		8		EC	KV	DC	SJ	09-Mar-87	24-Mar-87
WDI	stp	page-format	las	9		RZ	YK	DC	EC	02-Mar-87	27-Mar-87
WDI	edt	intro		10		EC	KV	DC	SJ	11-Mar-87	20-Mar-87
WDI	edt	tech notes		11		EC	KV	DC	SJ	11-Mar-87	20-Mar-87
WDI	edt	biblio		12		EC	KV	DC	SJ	11-Mar-87	20-Mar-87
WDI	run	tables	las	7		IL				20-Mar-87	31-Mar-87
WDI	dld	tables	lot	8		IL				20-Mar-87	09-Apr-87
WDI	edt	footnotes		13		EC	KV	DC	SJ	01-Apr-87	02-Apr-87
WDI	chk	text		14		EC	KV	DC	??	27-Mar-87	02-Apr-87
WDI	chk	tables		15		EC	KV	DC	??	31-Mar-87	03-Apr-87
WDI	clr	draft text	FOF	16		EC				03-Apr-87	13-Apr-87
WDI	snd	boxheads	TYS	17		EC					03-Apr-87
WDI	snd	stubs	TYS	18		EC					03-Apr-87
WDI	clr	draft tables	FOF	19		EC				08-Apr-87	13-Apr-87
WDI	snd	1st table	TYS	20		EC		SJ			10-Apr-87
WDI	snd	draft	PRS	21		EC		SJ			16-Apr-87
WDI	snd	text	TYS	22		EC		SJ			17-Apr-87
WDI	snd	draft	BRD	23		EC		SJ			20-Apr-87
WDI	cpy	tables	dsk	24		SJ	DC	KV	EC	20-Apr-87	11-May-87
WDI	snd	tables	TYS	25		EC		SJ		22-Apr-87	11-May-87
WDI	fls	868rfs	EXT	26		FB	KV	DC		20-Apr-87	09-May-87
WDI	rls	disks	EXT			PUB					

WDI Task Schedule

Table of Codes and Abbreviations

Staff - EPDCA	Topic	Action
AK Kundu	AGR Agriculture	chk check
BB Blazic	BOP Balance of Payments	clr clear
SF Fuller	DBT Debt	cor coordinate
DC Cieslikowski	ESY Energy	cpl compile
EC Crayford	SFS Govt Finance	dec decide
JE Eby	IMR Infant Mortality Rate	des design
JM McAdam	IND Industry	dev develop
JP Park	LEX Life Expectancy	dld download
KV Vijayalakshmi	MDN Monetary	dta determine
LT Tan	ODA ODA Donors	edt edit
MB Bresslauer	ODA_ ODA Receipts	plt plot
MG Guttierrez	POP Population	prp prepare
MH Hee	SOC Social	rls release
MW Ward	TFR Total Fertility Rate	run run final form
NF Namfua		snd send
OC O'Connor		stp set up
PR Raj		upd update
RF Fok		
RQ Quintanilla		
RZ Farivari		
SA Ahmad		
SJ John		
SO Slavinka		Destination
SP Pena		
TK Kaur		BRD Board
VS Soulatha		dsk diskette
YK Kim		FOF Front Office
		las laser
		lot Lotus
		PRS Printshop
		PUB Publications
		REG Regions
		TYS Typesetter
- Other Divisions		
_BD Dow	EPDCS	
_BF Florendo	EPDED	
_FN Najmabadi	EPDCS	
_LL Levent	EPDSU	
_LL Lu	FPAFS	
_RC Chander	EPDDR	

1987 WDI TABLES

- 1 BASIC INDICATORS
 - 2 GROWTH OF PRODUCTION
 - 3 STRUCTURE OF PRODUCTION
 - 4 GROWTH OF CONS & INV.
 - 5 STRUCTURE OF DEMAND
 - 6 AGRICULTURE & FOOD
 - 7 INDUSTRY
 - 8 COMMERCIAL ENERGY
 - 9 GROWTH OF MERCH. TRADE
 - 10 STRUCTURE OF MERCH. EXPORTS
 - 11 STRUCTURE OF MERCH. IMPORTS
 - 12 ORIGIN & DEST. MERCH. EXPORTS
 - 13 ORIGIN & DEST. MANUF. EXPORTS
 - 14 BALANCE OF PYMNTS & RESERVES
 - 15 GROSS EXTERNAL LIABILITIES
 - 16 FLOW OF PUB & PRIV EXT. CAP
 - 17 TOT EXT. PUB & PRIV DEBT & RATIOS
 - 18 EXT. PUB DEBT & DEBT SER RATIOS
 - 19 TERMS OF EXT. PUB. BORROWING
 - 20 ODA FROM OECD AND OPEC MEMBERS
 - 21 ODA: RECIEPTS
 - 22 CENTRAL GOV'T. EXPENDITURE
 - 23 CENTRAL GOV'T. CURRENT REVENUE
 - 24 INCOME DISTRIBUTION
 - 25 POPULATION GROWTH & PROJECTIONS
 - 26 DEMOGRAPHY AND FERTILITY
 - 27 LIFE EXPECTANCY & RELATED INDICAT
 - 28 HEALTH-RELATED INDICATORS
 - 29 EDUCATION
 - 30 LABOR FORCE
 - 31 URBANIZATION
 - 32 MONETARY /1
 - 33 WAGES & SALARIES /1
- SMALL COUNTRY
TECHNICAL NOTES
OTHER PRODUCTION

/1 PROPOSED NEW TABLES

Time Periods for 1987 WDI

	Table 22	Table 23	Table 24	Table 25	Table 26	Table 27	Table 28	Table 29	Table 30	Table 31	Table 32	Table 33
COL.1	1972	1972	YEAR	1965-80	1965	1965	1965	1965	1965	1965	Data not finalized as of 2/10/87	Data not finalized as of 2/10/87
COL.2	1984	1984	LOW 20%	1980-85	1985	1985	1982 /3	1984	1985	1985		
COL.3	1972	1972	SEC. QUINT	1985-2000 /4	1965	1965	1965	1965	1965	1965-80		
COL.4	1984	1984	THI. QUINT	1985	1985	1985	1982 /3	1984	1980	1980-85		
COL.5	1972	1972	FOR. QUINT	1990	1965-85	1965	1984 /3	1965	1965	1960		
COL.6	1984	1984	HIGH. 20%	2000	1965-85	1985	1984 /3	1984	1980	1980		
COL.7	1972	1972	HIGH. 10%	MRE /5	1985	1965		1965	1965	1960		
COL.8	1984	1984		MRE /5	2000	1985		1984	1980	1980		
COL.9	1972	1972		1985	1970			1965	1965-80	1960		
COL.10	1984	1984			1984			1984	1980-85	1980		
COL.11	1972	1972							1985-2000 /4			
COL.12	1984	1984										
COL.13	1972	1972										
COL.14	1984	1984										
COL.15	1972											
COL.16	1984											

3/ Depending on the availability of WHO tape

4/ Recommended by social indicators group, instead of 1980-2000

5/ Most Recent Estimate--no year shown for this indicator

Time Periods for 1987 WDI

	Table 12	Table 13	Table 14	Table 15	Table 16	Table 17	Table 18	Table 19	Table 20A	Table 20B	Table 20C	Table 21
COL. 1	1965	1965	1970	1970	1970	1970	1970	1970	1965	1976	1965	1979
COL. 2	1985	1984	1985	1985	1985	1985	1985	1985	1970	1977	1970	1980
COL. 3	1965	1965	1970	1970	1970	1970	1970	1970	1975	1978	1975	1981
COL. 4	1985	1984	1985	1985	1985	1985	1985	1985	1980	1979	1979	1982
COL. 5	1965	1965	1970	1970	1970	1970	1970	1970	1981	1980	1980	1983
COL. 6	1985	1984	1985	1985	1985	1985	1985	1985	1982	1981	1981	1984
COL. 7	1965	1965	1970	1970	1970	1970	1970	1970	1983	1982	1982	1985
COL. 8	1985	1984	1985	1985	1985	1985	1985	1985	1984	1983	1983	1985
COL. 9			1985	1970	1970	1970	1970	1970	1985	1984	1984	1985
COL. 10				1985	1985	1985	1985	1985	1986	1985	1985	
COL. 11					1970							
COL. 12					1985							

Time Periods for 1987 WDI

	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6	Table 7	Table 8	Table 9	Table 10	Table 11
COL.1	1985	1965-80	1965	1965-80	1965	1970	1970	1965-80	1985	1965	1965
COL.2	MRE /1	1980-85	1985	1980-85	1985	1985	1984	1980-85	1985	1984	1984
COL.3	1985	1965-80	1965	1965-80	1965	1974	1970	1965-80	1965-80	1965	1965
COL.4	1965-85	1980-85	1985	1980-85	1985	1985	1984	1980-85	1980-85	1984	1984
COL.5	1965-80	1965-80	1965	1965-80	1965	1974/75	1970	1965	1965-80	1965	1965
COL.6	1980-85	1980-85	1985	1980-85	1985	1984/85	1984	1985	1980-85	1984	1984
COL.7	1985	1965-80	1965		1965	1970	1970	1965	1983	1965	1965
COL.8		1980-85	1985		1985	1984	1984	1985	1985	1984	1984
COL.9		1965-80	1965		1965	1983-85 /2	1970			1965	1965
COL.10		1980-85	1985		1985		1984			1984	1984
COL.11					1965		1970				
COL.12					1985		1984				

1/ Most Recent Estimate; year not shown for this indicator
 2/ Depending on availability of FAO tape

10/2/87

OFFICE MEMORANDUM

AA
file

DATE: January 27, 1987

TO: Country Programs Division Chiefs

FROM: John C. O'Connor, Division Chief, EPDCA *sc*

SUBJECT: World Development Indicators 1987: Clearance of Population Data

1. We are beginning to update demographic data for the 1987 World Development Indicators (WDI) and the annual Social Indicator Data Sheets (SIDS). Like last year, we propose to clear these numbers with you in two steps. At this stage we ask that you check and clear just two numbers on the attached data sheet: total population levels for 1980 and for 1985 (appearing in column 2).
2. The data sheet is provided to EPD by PHNPR. It contains other demographic information, but we are not asking that you clear these numbers at this time. You may wish to examine the annual (logged) growth rates in column 3 to identify possible inconsistencies over time. Also note that a growth rate specified in the row labeled, 1980 for instance, is for the period between 1980 and 1981.
3. Once you have cleared the 1980 and 1985 total population figures, EPD will proceed with calculating indicators of development expressed in per capita terms. At the same time PHNPR will proceed in making demographic projections. In early March we will take the second step in this clearance process, sending you all social indicators to be contained in the 1987 WDI and SIDS.
4. A copy of the data sheet and this cover memo is enclosed for each country within your division to expedite distribution to appropriate staff.
5. If you agree with the 1980 and 1985 population figures, please send a note or call Bruce Fuller in EPDCA by Friday, February 13 (room S-7125, x33818). If we do not hear from you by February 13, we will assume that you concur with these population figures.
6. If you disagree with the two figures, please contact Ms. My Vu in PHNPR by February 13 (x60528). She will request copies of your evidence substantiating your request for a change. We will accept changes in population numbers only when PHNPR concurs. In addition, please mark your suggested revisions on a copy of the attached table and return it to Mr. Fuller.
7. Finally, it would help us if you could designate a single staff person at each country desk to handle both Step 1 and Step 2 of this clearance procedure. Once we have completed this process, these demographic data will

be made available to you on a Lotus diskette. Thank you for your assistance and for respecting our tight production schedule.

Attachment

Cleared with and cc: Mr. Baneth, Director EPDDR

cc: Regional Chief Economists
Country Program Senior Economists
Messrs. Grilli, Chander, Ward, Ahmad, Fuller,
Ms. Gutierrez-Ferguson, EPD
Ms. Birdsall, Mr. Zachariah, Ms. Vu, PHNPR

BFuller:jmca

m

**THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM**

DATE : January 16, 1987

TO : Mr. John C. O'Connor, Chief, EPDCA

FROM : John Akin, Acting Chief, PHNPR



EXTENSION : 61581

SUBJECT : Preliminary Population Data for WDI (1987)

1. Please find attached worksheets giving total population for 1980 to 1985 for all countries in the East, South East and South West Asian Regions. The worksheets give also our historical data (population, birth rate, death rate, TFR, Eo, etc.) but as Mr. Zachariah has discussed with you, the historical data on fertility, mortality, birth rate, death rate, etc., have not been evaluated for their internal consistency.
2. These data are on Lotus in the format on which we have agreed.
3. Similar worksheets will be sent to you for other regions as and when they become available.
4. Once these data have been cleared by the economists please return the worksheets to us so that we can begin our projection work (scheduled to begin January 19, 1987).

Attachment

cc: Messrs. Zachariah, Bulatao, Mss. Vu, Sazaki (PHNPR)

KCZachariah/cc

Maly

THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

DATE : December 30, 1986

TO : Mr. John C. O'Connor, Chief, EPDCA

FROM : Vicente Paqueo, Acting Chief, PHNPR

EXTENSION : 61581

SUBJECT : Preliminary Population Data for WDI (1987)

1. Please find attached worksheets giving total population for 1980 to 1985 for all countries in West Africa, South Asia and Europe. The worksheets give also our historical data (population, birth rate, death rate, TFR, Eo, etc.) but as Mr. Zachariah has discussed with you, the historical data on fertility, mortality, birth rate, death rate, etc., have not been evaluated for their internal consistency.
2. These data are on Lotus in the format on which we have agreed.
3. Similar worksheets will be sent to you for other regions as and when they become available.
4. Once these data have been cleared by the economists please return the worksheets to us so that we can begin our projection work (scheduled to begin January 19, 1987).

Attachment

cc: Messrs. Zachariah, Bulatao, Mss. Vu, Sazaki (PHNPR)

KCZachariah/am

file

THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

DATE : December 19, 1986

TO : Mr. John C. O'Connor, Chief, EPDCA

FROM : Nancy Birdsall, Chief, PHNPR

EXTENSION : 61581

SUBJECT : Preliminary Population Data for WDI (1987)

1. Please find attached worksheets giving total population for 1980 to 1985 for all countries in the North African region. The worksheets give also our historical data (population, birth rate, death rate, TFR, Eo, etc.) but as Mr. Zachariah has discussed with you, the historical data on fertility, mortality, birth rate, death rate, etc., have not been evaluated for their internal consistency.
2. These data are on Lotus in the format on which we have agreed.
3. Similar worksheets will be sent to you for other regions as and when they become available.
4. Once these data have been cleared by the economists please return the worksheets to us so that we can begin our projection work (scheduled to begin January 19, 1987).

Attachment

cc: Messrs. Zachariah, Bulatao, Mss. Vu, Sazaki (PHNPR)

KCZachariah/am

THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

file

DATE : December 11, 1986

TO : Mr. John C. O'Connor, Chief, EPDCA

FROM : Nancy Birdsall, *NB* Chief, PHNPR

EXTENSION : 61581

SUBJECT : Preliminary Population Data for WDI (1987)

1. Please find attached worksheets giving total population for 1980 to 1985 for all countries in the East African region except Rwanda (which will be provided to you later because we need more time to study the new data set). The worksheets give also our historical data (population, birth rate, death rate, TFR, Eo, etc.) but as Mr. Zachariah has discussed with you, the ~~historical~~ data on fertility, mortality, birth rate, death rate, etc., have not been evaluated for their internal consistency.
2. These data are on Lotus in the format on which we have agreed.
3. Similar worksheets will be sent to you for other regions as and when they become available.
4. Once these data have been cleared by the economists please return the worksheets to us so that we can begin our projection work (scheduled to begin January 19, 1987).

Attachment


cc: Messrs. Zachariah, Bulatao, Mss. Vu, Sazaki (PHNPR)

KCZachariah/am

201

FORM NO. 75
(6-83)

THE WORLD BANK/IFC

ROUTING SLIP		DATE: 12/18/86	
NAME		ROOM NO.	
Mr. John O'Connor		S7131	
(cc: Messrs. Zachariah, Bulatao)			
APPROPRIATE DISPOSITION		NOTE AND RETURN	
APPROVAL		NOTE AND SEND ON	
CLEARANCE		PER OUR CONVERSATION	
COMMENT		PER YOUR REQUEST	
FOR ACTION		PREPARE REPLY	
INFORMATION		RECOMMENDATION	
INITIAL		SIGNATURE	
NOTE AND FILE		URGENT	
REMARKS: I hope remarks of Messrs. Zachariah and Bulatao are helpful to you. Obviously, getting the tone right in your internal EPD memoranda would contribute to better relations, and I appreciate your effort to do so. I have kept copies of all if you have further questions, and would be happy to help clarify on the telephone.			
FROM:		ROOM NO.:	EXTENSION:
Nancy Birdsall		N452	61581

Para. 1 I don't like the tone of this paragraph, especially where it gives the impression that EPD is doing the population data for WDR. I suggest the following changes which describe the process.

7th line: ...'major' annual review of our demographic data at the time of the preparation of WDR and WDI. At this time PHNPR prepares population projections for all countries from which the relevant data for WDR and WDI are extracted. The base data for the population are assembled, evaluated, and estimated by PHNPR in consultation with country economists and project officials. EPDCA acts as an intermediary between PHNPR and country economists in this effort.

Para. 2 I don't know what he meant by 'mini' review (without other demographic variables).

One problem with demographic variables is that they are all interrelated - one cannot be changed without changing others.

Para. 5 We keep country sheets mainly for our use, not for EPD. We need them:

- to keep record of sources of data, method used for estimation, how one year's data and method differ from those previous years, etc.
- to provide data for analytical work to test new methods of projecting fertility, mortality, migration, etc.

Para. 6 Any day after January 2.

We need their assistance to transfer age data from last years' projection tape to this year's base data (for 1985) This must be done before January 16. If they can give somebody to assist me to prepare in a tabular form the sources of all our data, that will be helpful. The person

has to be here with me for about three weeks. This also should be done in January.

Para. 7 I urge caution in this matter; for some countries official data for 1986 might be available a little later.

We maintain country worksheets as a record of what we said previously. Making the historical data consistent is much more complicated than simple smoothing, however, because so many parameters must be made to fit together. This requires a backward projection (or a forward projection from some past point) and reconciliation of all known pieces of information. This is what we do not have the time to do for each country. Hence the data we keep are not entirely consistent.

Also note, top page 2: my understanding is that Zachariah agreed to this for this year. No commitments on "batch updating" later (though if convenient we would of course continue).

WORLD BANK / INTERNATIONAL FINANCE CORPORATION

December 15, 1986

Nancy:

I've tried to summarize the substance of our meeting for Jean Baneth. I'd appreciate any comments or changes you'd like to make to the attached draft.



John C. O'Connor

p.s. Thank you for the East Africa data; Michael Ward is reviewing them.

Date: December 15, 1986

To: Mr. Baneth, EPDDR

From: John C. O'Connor, EPDCA

Subject: Population Estimates

1 Michael Ward and I met on December 4 with Nancy Birdsall and PHNPR staff to improve collaboration on population and related demographic statistics. (While you have received much of our previous correspondence, I attach relevant background documents for ease of reference.) EPDCA and PHNPR discuss statistical issues with Regional staff throughout the year, more or less independently, and we each undertake a 'major' annual review of our demographic data for a publication (WDR for us, World Population Projections for them). We only harmonize our files as part of the WDR schedule, when EPDCA acts as intermediary between PHNPR and country economists.

2 We agreed upon regular exchanges of information and an effort to coordinate our annual data reviews by next Fall. Nancy appreciated the importance of our 'mini' review of population estimates (without other demographic variables) for the Operational Guidelines; she has asked her staff to study ways of supporting this review.

3 While EPDCA has always asked country economists to contact PHNPR when we receive revised population estimates, we will now send PHNPR hardcopy of all updates we receive. PHNPR will send us memoranda as it modifies its files. I also informed Nancy that PHNPR can always know the status of our population estimates by tapping BESD, and that other demographic indicators would be added to BESD in the near future.

4 A fundamental difference in our statistical objectives remains. The only historical data that PHNPR publishes concern the base year for its projections (now 1980 but implicitly shifting to 1985 next year); only quinquennial projections (updated annually) are reported by PHNPR. From that perspective the annual time series we require, from history through short-term projections, are peripheral. This is doubly so for estimates before 1980, since PHNPR has informed us that it does not have the resources to review back data, systematically. During the more regular and informal exchanges of information that we have agreed, we shall be exploring ways of reconciling our objectives.

[Nancy: I am still a bit unclear on whether PHNPR maintains country worksheets of annual data for its own purposes or only to satisfy us. I'd like to include some clarification of this point, here. Specifically, will you use the LOTUS files for anything other than our request? I would then add something, along the lines of Randy's comments during our meeting, about technical reasons for annual variations in population growth, which is perhaps our major concern.]

5 We will meet again on [Nancy: please suggest a date] to establish a production schedule for clearing population and other demographic indicators for the WDR, and more specifically for its WDI. PHNPR has

Each 1

agreed to provide us with updates for batches of countries, perhaps weekly, rather than sending essentially all countries to us at once. We will provide PHNPR with about the same amount of staff time as last year, again leaving room for PHNPR to ask for systems support, e.g., moving selected indicators from incoming tapes or mainframe into PCs, where PHNPR models. As I did last year, I am asking PHNPR to define the tasks where we can help, in terms I can understand, before sending EPDCA staff to PHNPR.

While the next WDI will only report data through 1985, we are looking into the possibility of including first estimates/projections for 1986 in the clearance process. This could simplify work on both sides when, a few months later, we gear up for the Operational Guidelines (and hence the Atlas).

Attachments

cc. Ms. Birdsall (PHNPR), Mr. Chander (EPDDR), Mr. Ward (EPDCA)

**THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM**

file

DATE : October 7, 1986

TO : John C. O'Connor, Chief, EPDCA

FROM : Nancy Birdsall, Chief, PHNPR

EXTENSION : 61581

SUBJECT : Work on 1987 WDI

The timetable in your memo of 29 September involves advancing the work by nearly a month compared to last year's schedule. This is difficult this year as Ms. Mashshid Shizari has left us and her replacement is unlikely to join before January 1987. We are trying to recruit a temporary replacement. Therefore, we would like to follow last year's timetable this year also. This is as follows:

- | | |
|----------------|---|
| Jan. 16, 1987: | Preliminary total population figures for 1980...1985 to be given to EPD by PHNPR. |
| Jan. 30, 1987 | Clearance of the preliminary totals by economists and return of the same to PHNPR |

Please note that even after clearance by the economist, totals for some countries might be changed before the publication of the WDI in July 1987 because of new data, inconsistency of historical trend with projected trend, inconsistency of population totals with vital statistics, migration and growth rate, etc.

- | | |
|-----------------|---|
| March 31, 1987: | Completion of population projections by PHNPR and submission of WDI tables to EPD |
|-----------------|---|

Lotus spreadsheets

We will try to put our "paper and pencil" historical sheet on a Lotus spreadsheet, but the format will be slightly different. We would like to include in the spreadsheet, total population and percent urban at 5-year intervals only from 1960 onwards; CBR, CDR, TFR, IMR, E(M), E(F) as five-year averages for 1960-65, 1965-70, etc. Ms. My Vu will be happy to meet your staff and discuss division of work, a timetable, and arrangement for updating.

cc: Mr. Bulatao, Ms. Vu (PHNPR)

KCZachariah/NBirdsall/am

OFFICE MEMORANDUM

DATE: September 29, 1986

TO: Nancy Birdsall, Chief, PHNPR

FROM: John C. O'Connor, Chief, EPDCA *OC*

SUBJECT: Preliminary Work on 1987 WDI

1. As you have seen from my memo of September 23, I am exploring ways to handle more efficiently demographic data that come from PHNPR and are then assembled by EPDCA for, inter alia, the World Development Indicators (WDI). Last year we made some progress. We would like to start early in discussing further efficiencies that can be accomplished during the 1987 WDI exercise.

Schedule

2. Last year's two-step clearance process worked well. In the first step we will clear only total population figures for the 1980-1985 period. This gives us an advance warning of, and sufficient time to resolve, possible conflicts with country economists. We would prefer to complete this step-one clearance by Friday, February 6. To meet this deadline we are requesting that preliminary total population figures be provided to EPDCA by Friday, December 19. This will give us time to prepare reports for the regions and provide country economists an adequate opportunity to comment on the draft figures.

3. Step-two clearance of all demographic and social indicators should occur by Friday, April 10. Therefore, we request that all final demographic indicators be submitted to EPDCA by Friday, March 6. If these proposed deadlines do not match the UNSO's reporting schedule or seem unwise for any other reason, please let me know.

4. In particular, Mr. Zachariah and other PHNPR staff had expressed interest in gearing the clearance process to the production of your publication, World Population Projections, 1987. I would see considerable merit in this as a way of minimizing the discrepancies that have arisen between that publication and the WDI, in the past.

Lotus Spreadsheets

5. In implementing the new Bank Economic and Social Data (BESD) system, we are updating figures via Lotus spreadsheets. Attached is a prototype spreadsheet which is adapted from the (paper and pencil) worksheet used in the past by your division. As soon as possible, we would like to sit and discuss

NB:

My is working on reply to 9/23 memo. I didn't have a chance to show it to you because O'Connor's office called to say they were due right away.

OC

how both divisions can use this spreadsheet for updating the demographic data. Use of this spreadsheet at the front-end of the exercise, of course, would not preclude again using the final spreadhseet for projected data (for all countries) as initiated last year by PHNPR.

Attachment

cc: Messrs. Ward (o/r), Fuller, Farivari, Ahmad (o/r),
Ms. Gutierrez-Ferguson, EPDCA

BFuller:jmca

Spreadsheet for Demographic / PHN Data
 [Revised 29 Sept]

BANGLADESH
 south asia

revised: 24 sept

	1950-54	1955-59	1960	1961	1962	. . .	1985	1990	2000
Total Pop									
	f								
CBR									
	f								
CDR									
	f								
IMR									
	f								
TFR									
	f								
E:(M)									
	f								
E:(F)									
	f								
Mig(m)									
	f								
Mig(f)									
	f								
% Pop Urban									
	f								

Note: f = flag for indicating that a figure is a five-year average,
~~not an annual figure.~~

**WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM**

DATE : October 8, 1986

TO : Philip D. Berlin, WA2DC

FROM : K. C. Zachariah, PHNPR

TELEPHONE : 61579

SUBJECT : Interim revision of the total population of Gabon

The total population of Gabon for 1985 is estimated by the Bank as 827,000. The Bank estimate is relatively low compared to the estimates made by other agencies as evident from the figures given below.

Total Population of Gabon (in '000)

Year	Bank	US Census Bureau	UN	Govt. of Gabon
1950	672	416	812	
1955	675	429	835	
1960	679	446	867	
1965	685	474	905	
1970	692	515	950	
1975	701	623	1,003	
1980	755	792	1,064	
1985	827	988	1,151	1,300

The Bank estimate is based on an assessment made by the country economist a few years ago (Mr. Kranjec) in which he concluded that the Government tends to overestimate population and the best course for the Bank to take was to accept the 1980 ILO estimate of 755,000. The 1985 estimate

of 827,000 is worked out using reasonable assumptions about fertility and mortality (by Althea Hill) for the intervening period. It does not include migration during this period.

There was population census in 1980, but its results were not accepted by the Government and therefore not published. The UN technical staff who carried out the 1980 census is reported to have made a rough tabulation of the total population. The number was 800,000 for Aug. 1, 1980. If this is correct, the July 1, 1980 population should be a little less than 800,000. This seems to be the basis of the estimate of 792 for 1980 made by the Bureau of the Census. Their estimate of 988,000 for 1985 assumes considerable immigration and a net growth rate of 4.4% during 1980-85.

The UN estimate of 1,151 is based essentially on official statistics given to the UN by the Government at the time of preparation of the UN estimates.

Another piece of statistics that can throw some light on population totals is: "new primary school entrants" (NPSE). If birth rate and child survival ratio are known, it is possible to estimate the total population using the data on NPSE.

The formula assuming a closed population is:

$$P = \frac{NPSE}{BR \cdot SR}$$

NPSE = New primary school entrants

BR = Births per person per year

SR = Survival ratio from births to age six (age of entry to primary school)

P = total population 6 years years earlier.

Since birth rate and survival ratio are not precisely known, three alternatives for each were tried and their combination gives a set of 9 estimates for the total population of Gabon (Table next page). The estimates of total population vary between 905,000 and 1,270,000.

Even assuming that the data on NPSE are accurate, there are several problems with using the estimates from this table. First of all, the population of Gabon is not closed; some of the births corresponding to the children entering primary school would have taken place outside the country. However, the estimate given against 1984 could be interpreted as a minimum estimate of the total population for 1984. Secondly, not all entering primary school do so exactly at age of 6. Some children, especially migrant children, would be entering primary school at older ages. This factor would overestimate the total population. Therefore, it is difficult to arrive at

GABON: Estimates of Total Population Based on New Primary School Entrants

Year	NEPS	POP	POP	POP	POP	POP	POP	POP	POP	POP	POP
1975	20804	835089.4	715790.9	626317.1	813880.2	697611.6	610410.1	857391.3	734906.8	643043.4	
1976	22373	898070.4	769774.6	673552.8	875261.6	750224.2	656446.2	922054.2	790332.1	691540.6	
1977	23233	932591.5	799364.1	699443.6	908905.9	779062.2	681679.4	957497.2	820711.9	718122.9	
1978	25138	1009059.	864908.3	756794.8	983432.1	842941.8	737574.0	1036007.	888006.5	777005.7	
1979	23888	958883.7	821900.3	719162.8	934530.4	801026.0	700897.8	984491.6	843849.9	738368.7	
1980	24696	991317.5	849700.7	743488.1	966140.4	828120.4	724605.3	1017791.	872392.7	763343.6	
1981	25752	1033706.	886033.9	775279.6	1007452.	863530.8	755589.4	1061312.	909696.2	795984.2	
1982	27237	1093315.	937127.4	819986.5	1065547.	913326.6	799160.8	1122513.	962154.2	841884.9	
1983	28395	1139798.	976970.0	854848.8	1110850.	952157.4	833137.7	1170237.	1003060.	877678.3	
1984	30829	1237501.	1060715.	928125.8	1206071.	1033775.	904553.7	1270549.	1089042.	952912.3	
B.R		30	35	40	30	35	40	30	35	40	
LIFE EX.		51	51	51	53.5	53.5	53.5	48.5	48.5	48.5	

any reasonably precise estimate of the total population of the country on the basis of NPSE. However, the analysis seems to indicate that the Bank estimate is relatively low, and the actual figure is likely to be higher.

Among the available information, the unofficial total from the 1980 census seems to be the most dependable basis as a starting point to estimate the current total population of Gabon. The growth rate for 1980-85 can be estimated from the growth of NPES which is 5.5 percent for the 1980-84 period. This gives an estimate of 1,050 for mid 1985.

The US Census Bureau estimated a growth rate of 4.4 percent during 1980-85 and a total population of 988 for 1985. In the absence of any firm basis to go by, I recommend the use of 1,000,000 as the population of Gabon for 1985 until a more satisfactory review of the demographic statistics of Gabon is made by a competent demographer after a short field mission. There is also an urgent need to persuade the Government to carry out a new population census as early as possible. Without additional information it is difficult to estimate more precisely the population of Gabon at present.

cc: Ms. Hill (PHNPR)
Messrs. Sherbiny (EGYS1), Bulatao (PHNPR)

ROUTING SLIP		DATE: 9/24/86
NAME		ROOM NO.
Messrs. North, Measham, Sai (PHND)		
Zachariah (PHNPR),		
Denning (PHND1),		
Schebeck (PHND3)		
Ms. Husain (PHND2)		
APPROPRIATE DISPOSITION	NOTE AND RETURN	
APPROVAL	NOTE AND SEND ON	
CLEARANCE	PER OUR CONVERSATION	
COMMENT	PER YOUR REQUEST	
FOR ACTION	PREPARE REPLY	
<input checked="" type="checkbox"/> INFORMATION	RECOMMENDATION	
INITIAL	SIGNATURE	
NOTE AND FILE	URGENT	
REMARKS: re: Atlas Indicators: Total <u>Fertility Rate</u>		
FROM: <i>NB</i> Nancy Birdsall	ROOM NO.: N452	EXTENSION: 6-1581

THE WORLD BANK/INTERNATIONAL FINANCE CORPORATION
OFFICE MEMORANDUM

*Info to Zachariah (see para 4 exp)
Sai
Messham
North
DCs*

TO: Ms. N. Birdsall, PHN

September 22, 1986

FROM: Michael Ward, EPDCA *MW*

SUBJECT: Atlas Indicators: Total Fertility Rate

1. Following our discussions and your earlier suggestions about including the Total Fertility Rate (TFR) as one of the social indicators in the Atlas, I should like to propose that in the next 1987 Atlas, we include 2 columns depicting the TFR for 1970 and 1985 (and to use a 1984 figure where the most recent estimate is not available). Because of the limited space in the Atlas tables, I am also proposing to our Front Office and the Atlas committee that we drop the earlier year figures for life expectancy and simply show the most current estimates.

2. In the case of the infant mortality rate, I think we should continue to show 2 estimates for 1970 and 1985 respectively. I gather from conversations both you and we have had with country economists that most people in the Bank would be unhappy about dropping either indicators of infant mortality rate or life expectancy from the Atlas. I believe the general public would feel the same way. If some limitation is placed on the number of indicators we can show, then I regret some hard choices will have to be made.

3. For your interest and information, I am attaching a copy of the TFR information we currently have on the social indicators data sheets (SIDS) file, which, for illustrative purposes relates to the years 1965, 1973 and 1984.

4. Where data gaps currently exist for the 2 earlier years, we assume that estimates for 1970 are not available. If a figure does not exist for 1970, we will probably try first to make a reasonable approximation by searching the files for data relating to 1971 or 1972 and footnoting the table accordingly.

Attachment

cc: Messrs. O'Connor, Ahmad (o/r), Fuller, EPDCA
Ms. Gutierrez-Ferguson, EPDCA

MWard:llt

*Zach -
OK?
Do we have
better approach/data?
naw*

EPD DATA BANK

COUNTRY REPORT BY BLOCK AND COUNTRY

WORLD TOTAL

TOTAL FERTILITY

	UNITS	1965	1973	1984
AFGHANISTAN	UNIT	8.0	8.0	7.7
ALBANIA	UNIT	5.4	4.6	3.2
ALGERIA	UNIT	7.4	7.4	6.4
AMERICAN SAMOA	UNIT	6.7	5.3	-
ANGOLA	UNIT	6.4	6.4	6.4
ANTIGUA	UNIT	-	-	2.1
ARGENTINA	UNIT	3.1	3.1	3.3
AUSTRALIA	UNIT	3.1	2.6	2.0
AUSTRIA	UNIT	2.7	2.0	1.6
BAHAMAS	UNIT	-	-	3.1
BAHRAIN	UNIT	7.1	5.8	4.4
BANGLADESH	UNIT	6.8	6.9	5.7
BARBADOS	UNIT	3.9	2.8	1.9
BELGIUM	UNIT	2.5	2.1	1.6
BELIZE	UNIT	6.8	6.2	4.6
BENIN	UNIT	6.8	6.9	6.5
BHUTAN	UNIT	6.0	6.0	6.2
BOLIVIA	UNIT	6.6	6.5	6.0
BOTSWANA	UNIT	6.4	6.5	6.7
BRAZIL	UNIT	5.8	4.6	3.7
BRUNEI	UNIT	-	-	4.2
BULGARIA	UNIT	2.1	2.2	2.0
BURKINA FASO	UNIT	6.4	6.6	6.5
BURMA	UNIT	5.8	5.3	4.0
BURUNDI	UNIT	6.4	6.4	6.5
CAMEROON	UNIT	5.1	6.1	6.7
CANADA	UNIT	3.1	1.9	1.7
CAPE VERDE	UNIT	5.4	4.1	5.5
CENTRAL AFR. REPUBLIC	UNIT	4.5	5.1	5.6
CHAD	UNIT	5.1	5.4	5.6
CHANNEL ISLANDS	UNIT	-	-	1.4
CHILE	UNIT	4.6	3.4	2.5
CHINA, PEOPLE'S REP. OF	UNIT	6.6	4.7	2.2
COLOMBIA	UNIT	6.4	4.7	3.4
COMOROS	UNIT	7.0	7.0	7.0
CONGO, P. R. OF THE	UNIT	5.6	6.0	6.2
COSTA RICA	UNIT	6.3	4.2	3.3
CUBA	UNIT	4.5	3.4	2.0
CYPRUS	UNIT	3.1	2.3	2.4
CZECHOSLOVAKIA	UNIT	2.2	2.3	2.1
DENMARK	UNIT	2.4	2.0	1.4
DJIBOUTI	UNIT	-	-	6.8
DOMINICA	UNIT	-	-	3.4
DOMINICAN REP.	UNIT	7.1	6.1	4.0
ECUADOR	UNIT	6.8	6.0	4.8
EGYPT, ARAB REP. OF	UNIT	6.8	5.5	4.8
EL SALVADOR	UNIT	6.7	6.3	5.3
EQUATORIAL GUINEA	UNIT	5.0	5.0	5.2
ETHIOPIA	UNIT	5.8	5.8	6.1

EPD DATA BANK

COUNTRY REPORT BY BLOCK AND COUNTRY

WORLD TOTAL

TOTAL FERTILITY

	UNITS	1965	1973	1984
FIJI	UNIT	5.3	4.0	3.7
FINLAND	UNIT	2.4	1.5	1.7
FRANCE	UNIT	2.7	2.3	1.9
FRENCH POLYNESIA	UNIT	-	-	3.8
GABON	UNIT	3.9	4.3	4.9
GAMBIA, THE	UNIT	6.4	6.5	6.5
GAZA STRIP	UNIT	-	-	6.8
GERMAN DEM. REP.	UNIT	2.4	1.6	1.8
GERMANY, FED. REP. OF	UNIT	2.4	1.7	1.4
GHANA	UNIT	6.6	6.5	6.4
GIBRALTAR	UNIT	-	-	-
GREECE	UNIT	2.4	2.3	2.1
GREENLAND	UNIT	6.4	-	-
GRENADA	UNIT	-	-	3.5
GUADELOUPE	UNIT	5.4	4.4	2.1
GUAM	UNIT	5.7	4.4	3.8
GUATEMALA	UNIT	6.8	6.5	5.8
GUINEA	UNIT	5.9	5.9	6.0
GUINEA-BISSAU	UNIT	5.9	5.9	6.0
GUYANA	UNIT	5.6	4.4	3.3
HAITI	UNIT	-	5.2	4.5
HONDURAS	UNIT	7.4	7.4	6.2
HONG KONG	UNIT	4.6	2.8	1.8
HUNGARY	UNIT	1.9	1.9	1.7
ICELAND	UNIT	3.7	3.0	2.3
INDIA	UNIT	6.3	5.6	4.6
INDONESIA	UNIT	5.5	5.3	4.2
IRAN	UNIT	7.8	6.7	5.6
IRAQ	UNIT	7.2	7.1	6.7
IRELAND	UNIT	3.9	3.8	2.7
ISRAEL	UNIT	3.9	3.8	3.0
ITALY	UNIT	2.5	2.3	1.6
IVORY COAST	UNIT	6.6	6.7	6.5
JAMAICA	UNIT	6.3	-	3.3
JAPAN	UNIT	2.0	2.1	1.8
JORDAN	UNIT	7.2	7.4	7.4
KAMPUCHEA	UNIT	6.3	5.4	5.0
KENYA	UNIT	7.2	8.0	7.9
KIRIBATI	UNIT	-	4.3	4.4
KOREA, DEM. PEOP. REP. O	UNIT	5.6	5.1	3.8
KOREA, REPUBLIC OF	UNIT	4.9	4.0	2.5
KUWAIT	UNIT	7.4	6.9	5.4
LAO PEOPLE'S DEM. REP.	UNIT	6.0	6.1	6.4
LEBANON	UNIT	6.2	4.9	3.6
LESOTHO	UNIT	5.8	5.8	5.8
LIBERIA	UNIT	6.3	6.4	6.9
LIBYAN ARAB REP.	UNIT	7.4	7.6	7.2
LUXEMBOURG	UNIT	2.3	1.7	1.5
MACAO	UNIT	5.1	4.2	3.7

EPD DATA BANK

COUNTRY REPORT BY BLOCK AND COUNTRY

WORLD TOTAL

TOTAL FERTILITY

	UNITS	1965	1973	1984
MADAGASCAR	UNIT	5.8	6.1	6.5
MALAWI	UNIT	7.8	7.8	7.6
MALAYSIA	UNIT	6.3	4.8	3.7
MALAYSIA (PENINSULAR)	UNIT	-	-	4.7
MALDIVES	UNIT	-	-	6.3
MALI	UNIT	6.5	6.5	6.5
MALTA	UNIT	2.7	2.0	1.7
MAN, ISLE OF	UNIT	-	-	-
MARTINIQUE	UNIT	5.3	4.0	2.4
MAURITANIA	UNIT	6.0	6.0	6.2
MAURITIUS	UNIT	5.0	3.3	2.7
MEXICO	UNIT	6.7	6.3	4.4
MONGOLIA	UNIT	5.8	5.6	4.9
MONSERRAT	UNIT	-	-	2.7
MOROCCO	UNIT	7.1	6.8	4.9
MOZAMBIQUE	UNIT	6.8	6.6	6.3
NAMIBIA	UNIT	6.1	6.1	6.1
NEPAL	UNIT	6.1	6.5	6.3
NETHERLANDS	UNIT	3.0	2.1	1.5
NETHERLANDS ANTILLES	UNIT	-	-	3.4
NEW CALEDONIA	UNIT	-	-	3.5
NEW ZEALAND	UNIT	3.8	2.7	2.2
NICARAGUA	UNIT	7.2	6.7	5.7
NIGER	UNIT	6.8	6.9	7.0
NIGERIA	UNIT	6.9	6.9	6.9
NORWAY	UNIT	2.9	2.3	1.7
OMAN	UNIT	7.2	7.2	6.8
PACIFIC ISL. TRUST TERR	UNIT	-	5.5	4.4
PAKISTAN	UNIT	7.2	6.7	6.0
PANAMA	UNIT	5.8	4.8	3.3
PAPUA NEW GUINEA	UNIT	6.3	5.9	5.4
PARAGUAY	UNIT	6.5	4.9	4.0
PERU	UNIT	6.8	6.2	4.3
PHILIPPINES	UNIT	6.8	6.0	4.4
POLAND	UNIT	2.5	2.3	2.3
PORTUGAL	UNIT	3.1	2.7	2.0
PUERTO RICO	UNIT	3.9	3.0	2.3
QATAR	UNIT	7.0	6.8	6.8
REUNION	UNIT	5.3	3.5	2.2
ROMANIA	UNIT	2.9	2.4	2.2
RWANDA	UNIT	7.5	7.9	8.0
SAMOA	UNIT	-	5.9	5.2
SAO TOME & PRINCIPE	UNIT	-	-	5.0
SAUDI ARABIA	UNIT	7.3	7.3	7.1
SENEGAL	UNIT	6.4	6.5	6.7
SEYCHELLES	UNIT	-	-	3.4
SIERRA LEONE	UNIT	6.1	6.4	6.5
SINGAPORE	UNIT	4.6	2.9	1.7
SOLOMON ISLANDS	UNIT	-	-	6.9

COUNTRY REPORT BY BLOCK AND COUNTRY

WORLD TOTAL

TOTAL FERTILITY

	UNITS	1965	1973	1984
SOMALIA	UNIT	6.7	6.7	6.8
SOUTH AFRICA	UNIT	5.6	5.3	4.9
SPAIN	UNIT	2.9	2.8	2.1
SRI LANKA	UNIT	4.9	4.2	3.2
ST. KITTS-NEVIS	UNIT	-	-	3.2
ST. LUCIA	UNIT	-	-	4.2
ST. VINCENT	UNIT	-	-	3.2
SUDAN	UNIT	6.7	6.7	6.6
SURINAME	UNIT	6.3	5.2	3.9
SWAZILAND	UNIT	6.9	7.0	6.9
SWEDEN	UNIT	2.3	1.9	1.7
SWITZERLAND	UNIT	2.4	1.9	1.5
SYRIAN ARAB REP.	UNIT	7.6	7.5	6.8
TAIWAN	UNIT	4.8	3.1	2.4
TANZANIA, UNITED REP. O	UNIT	6.6	6.3	7.0
THAILAND	UNIT	6.3	4.8	3.3
TOGO	UNIT	6.6	6.5	6.5
TONGA	UNIT	-	-	4.2
TRINIDAD & TOBAGO	UNIT	4.4	3.5	2.8
TUNISIA	UNIT	7.0	6.1	4.6
TURKEY	UNIT	5.7	5.0	3.9
U.S.S.R.	UNIT	2.5	2.4	2.3
UGANDA	UNIT	6.9	6.9	6.9
UNITED ARAB EMIRATES	UNIT	6.8	6.8	5.9
UNITED KINGDOM	UNIT	2.8	2.1	1.8
UNITED STATES	UNIT	3.1	2.0	1.8
URUGUAY	UNIT	2.9	3.0	2.5
VANUATU	UNIT	-	-	5.8
VENEZUELA	UNIT	6.2	4.9	3.9
VIET NAM, SOCIALIST REP	UNIT	-	-	4.7
VIRGIN ISLANDS (U.S.)	UNIT	-	-	2.8
WORLD	UNIT	-	-	3.5
YEMEN, ARAB REP. OF	UNIT	6.9	6.8	6.8
YEMEN, P.D.R.	UNIT	7.0	6.9	6.1
YUGOSLAVIA	UNIT	2.6	2.4	2.1
ZAIRE	UNIT	6.0	6.1	6.1
ZAMBIA	UNIT	6.6	6.7	6.8
ZIMBABWE	UNIT	8.0	7.4	6.3