

ANNEX 1. AREAS TO BE EMPHASIZED IN FUTURE IMCI CLINICAL TRAINING AND FOLLOW-UP VISITS

Step	Targeted children	Condition	Areas to emphasize	Evidence from survey (cases managed by IMCI-trained providers)	
Assessment	All children	Severe conditions	<i>General danger signs</i> should be routinely checked in all children	The three general danger signs were not checked in 53.9% of children	
	All children	All	The <i>temperature</i> and <i>weight</i> should be taken correctly by nurses	The temperature and weight were not taken or not taken correctly in 59.4% and 86.4% of children, respectively	
	Children with cough or difficult breathing	ARI	The <i>respiratory rate</i> should be counted carefully; more supervised practice is needed	Respiratory rate considered unreliable in 47.2% of children in whom taken	
	Children with fever	Fever	<i>History of measles</i> within the last three months should be asked in all children with fever or history of fever	History of measles within the last three months was not checked in 47.4% of children with fever or history of fever.	
	All children	All	<i>Palmar pallor</i> should be checked routinely in all children	Palmar pallor was not checked in 38.3% of children	
	All children	All	<i>Visible wasting</i> and <i>oedema of both feet</i> should be checked properly in all children	Visible wasting and presence of oedema of both feet were checked for in 72.8% and 79.6% of children, respectively	
	Children \geq 2 years old with low weight, anaemia or persistent diarrhoea	Feeding practices	These children should be assessed for feeding practices	Although 58% of children less than 2 years old was assessed for feeding practices, 88.2% of older children with low weight, anaemia or persistent diarrhoea was not	
	Children needing urgent referral	Severe classification	All children with a severe classification needing urgent referral to hospital should receive the <i>first dose of 'pre-referral treatment'</i>	Only one of the six severe cases needing urgent referral received a first dose of pre-referral treatment (antibiotic, ORS, vitamin A -- as appropriate)	
	Treatment and counselling	Children needing oral antibiotics	IMCI conditions requiring antibiotics	When prescribing antibiotics, doctors should advise caretakers also on the <i>duration of the treatment course</i> and emphasize the importance of completing the whole course even the child gets better earlier	Correct advice on duration of treatment was not given to 41.3% of children prescribed oral antibiotics for an IMCI condition and 24% of caretakers of these children said they would stop or reduce treatment in case the child would get better before completing the full treatment course
				Giving (or demonstrating how to give) the <i>first dose of treatment</i> at the facility should be practised during training courses	All children but one received no first dose of treatment at the facility

Step	Targeted children	Condition	Areas to emphasize	Evidence from survey (cases managed by IMCI-trained providers)
Treatment and counselling (continued)	Children with diarrhoea	Diarrhoea	<i>Advise on ORS treatment</i> should be enhanced through more supervised practice	Caretakers of 62.7% of children given ORS were not told when to give the solution to the child and 65.7% were not told about how much to give each time.
	Children needing oral antibiotics or ORS	IMCI conditions requiring antibiotics and diarrhoea	<i>Providers' communication skills</i> when advising on treatment should be strengthened with more practice in training	71.4% of caretakers prescribed an antibiotic for an IMCI condition and 91% of those prescribed ORS were given no demonstration, respectively; caretaker understanding was not checked with open-ended questions in 88.9% and 85.1% of children prescribed antibiotics or ORS, respectively
	All children	Any non-severe condition	<i>Advice on giving extra fluids and continue feeding</i>	Caretakers of 56.0% of children not needing urgent referral were given no advice on <i>both</i> home care rules
	Children less than 2 years old and children with low weight and/or anaemia and/or persistent diarrhoea	Feeding	<i>Age-appropriate feeding advice</i> should be strengthened during training and follow-up visits	Caretakers of 74.5% of children less than 2 years old and those with very low weight and/or anaemia and/or persistent diarrhoea were not given age-appropriate advice on breastfeeding and frequency of complementary foods
	Caretaker-mother	Children not needing urgent referral, drug or ORS treatment, or specific advice (i.e., 'green row' conditions)	Training should start emphasizing the need to <i>counsel on their health mothers</i> of sick children who have only a mild illness	99% of caretaker-mothers of children not needing urgent referral were asked no questions on their health

ANNEX 2. MAIN STEPS OF THE IMCI PROCESS IN MOROCCO

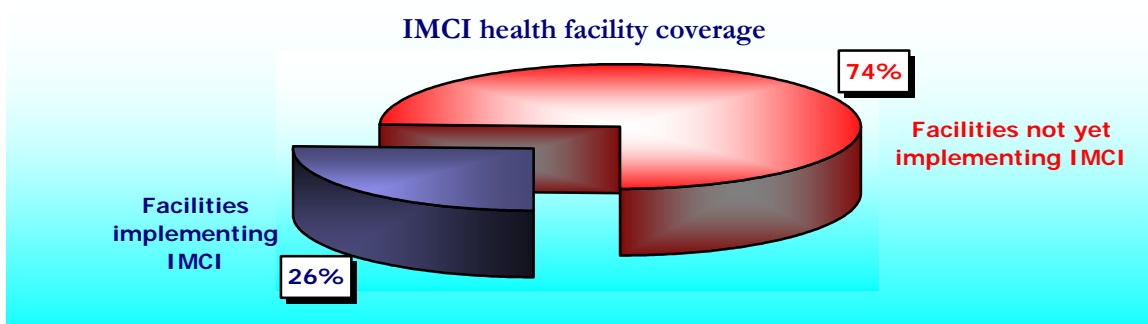
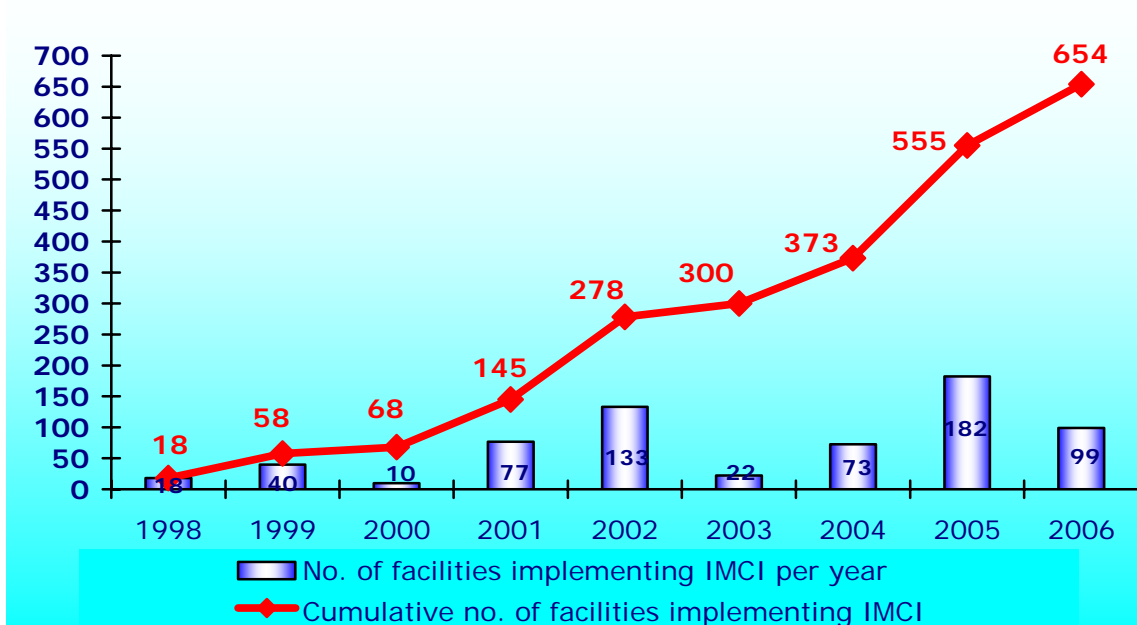
March 1997 – March 2007

1997	
INTRODUCTION PHASE	
IMCI strategy formally endorsed by the Minister of Health and National IMCI Task Force established with national IMCI coordinator appointed	March 1997
National IMCI Orientation Meeting and Preliminary Planning Workshop conducted	November 1997
EARLY IMPLEMENTATION PHASE	
National IMCI Planning and Adaptation Workshop	December 1997
1998-2000	
Adaptation of IMCI clinical guidelines completed	June 1998
First 11-day IMCI case management course at central level for doctors conducted	July 1998
IMCI clinical guidelines revised	December 1998
IMCI early implementation phase started at district level	February 1999
First IMCI follow-up visits after training conducted	April 1999
Early implementation phase in 2 districts completed	September 1999
Review of Early Implementation Phase and planning for the Expansion Phase conducted	October 1999
Health facility survey to evaluate the introduction of the IMCI strategy (comparing the 2 'IMCI provinces' with a control group of 2 provinces without IMCI)	April 2000
EXPANSION PHASE	
Beginning of expansion to new districts and provinces	December 2000
2001-2006	
Introduction of IMCI in pre-service education	January 2001
Establishment of IMCI information system	2003
Inclusion of first week of life in the IMCI guidelines	July 2005
Report on the child health situation analysis released as part of the child health policy initiative	October 2005
Developing of referral reporting system	2006
Preparation and testing of first training course on the 'healthy child'	July 2006

DRUGS: Drugs needed for IMCI are included in the national Essential Drug List (EDL).

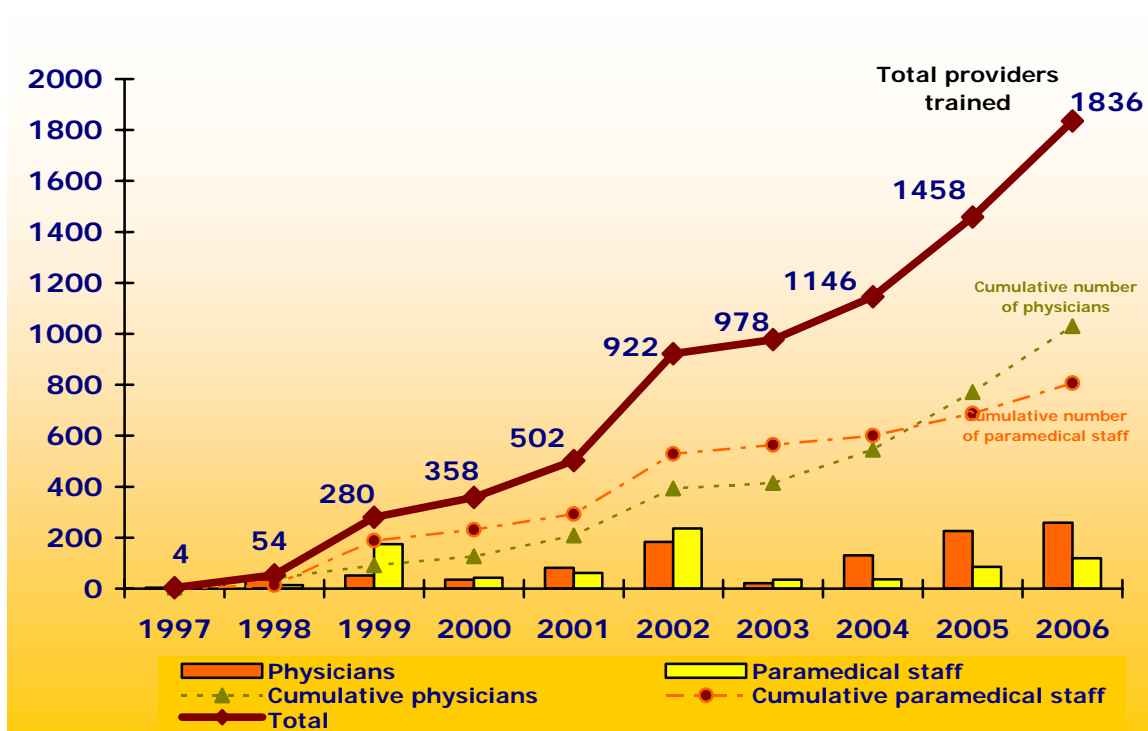
ANNEX 3. HEALTH FACILITY COVERAGE
(as of the end of 2006)

Primary health care facilities with health providers trained in IMCI#



Primary health care facilities implementing IMCI: 654 (25.6%) out of 2553 outpatient health facilities. This excludes emergency and outpatient departments of hospitals. This rate refers to facilities with at least a health provider trained in IMCI. Data on number of 'health facilities' are from the Ministry of Health, 2003. Source: Service de Protection de la santé de l'Enfant, Direction de la Population, Ministry of Health, Morocco.

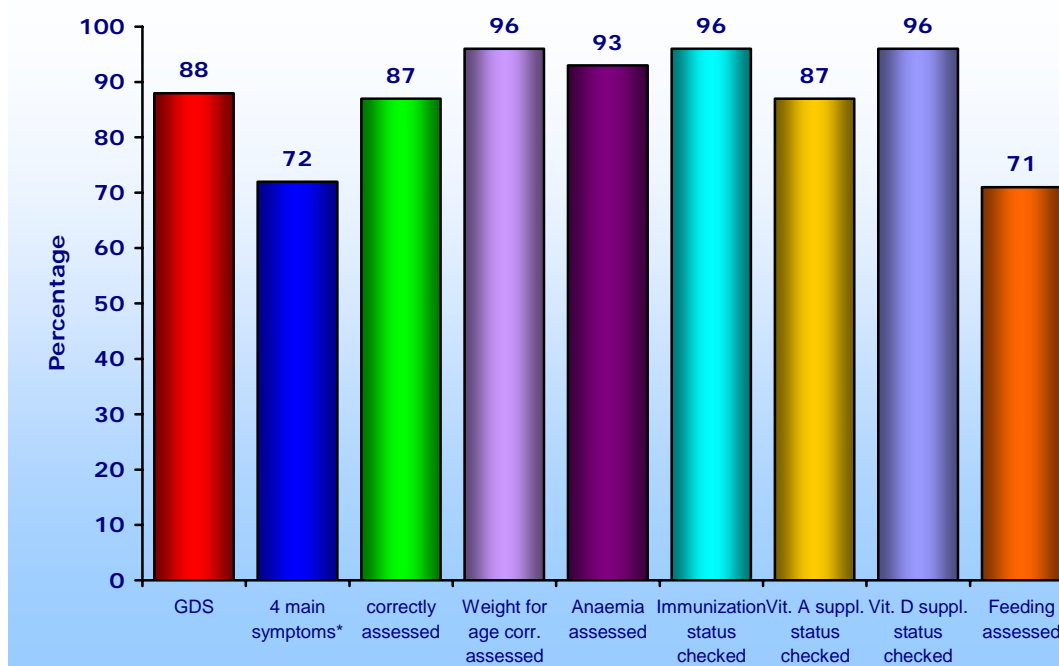
ANNEX 4. NUMBER OF HEALTH PROFESSIONALS TRAINED IN IMCI
1997–2006



ANNEX 5. IMCI TRAINING AND FOLLOW-UP

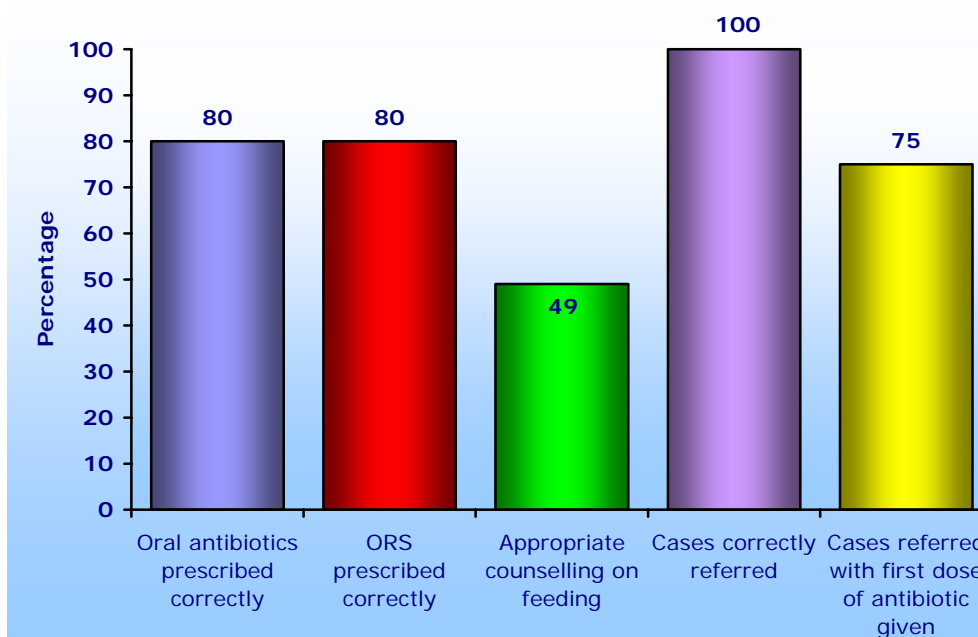
Region	Province	Dates			
		First IMCI course conducted	Most recent IMCI course conducted	First rounds of follow-up visits	Last round of follow-up visits
Grand Casablanca	1. Casa Anfa	From 13 to 24 July 1998 (11-12 day course)	From 22 to 27 May 2006 (7-day course)	No follow-up	No follow-up
	2. Casa Nouaceur				
	3. Casa Hay Mohammadi				
	4. Casa Ain Chok				
	5. Casa El Fida				
	6. Mohammedia				
	7. Casa Ben M'sick				
	8. Casa Bernoussi				
	9. Casa Mediouna				
	10. Casa Hay Hassani				
	11. Cas My Rchid				
Marrakech-Tensift-Elhaouz	12. Essaouira	From 22/10 to 1/11 -2001 (10-day course)	From 21 to 27 November 2004 (7-day course)	From 21 to 26 April 2003	From 30 October to 6 November 2006
Sous-Massa-Daraa	13. Agadir Ida Outanane	From 15 to 27 February 1999 (11-12 day course)	From 23 to 29 July 2006 (7-day course)	From 31 May to 05 June 1999	From 06-1 May to 05 June 1999
	14. Tiznit	From 8 to 18 -2002 (10-day course)	From 17 to 23 September 2006 (7-day course)	No follow-up	No follow-up
	15. Taroudant	From 8 to 18 -2002 (10-day course)	From 21 to 31 October 2002 (7-day course)	No follow-up	No follow-up
Chaouia-Ourdiga	16. Settat	From 22/10 to 1/11/2001 (10-day course)	From 21 to 28 December 2002 (7-day course)	From 10 to 14 March 2003	No follow-up
Tadla-Azilal	17. Azilal	From 04 to 10 September 2005 (7-day course)	Only one session planned	No follow-up	No follow-up
Rabat-Salé-Zemmour-Zaer	18. Rabat	From 28 to 9 September 1998 (11-12 day course)	From 07 to 03 May 2006 (7-day course)	From 27 to 31 January 2003	No follow-up
Meknès Tafilat	19. Meknès	From 8 to 20 February 1999 (11-12 day course)	From 24 /9 to 04/10 2001 (11-12 day course)	From 28 March to 03 April 1999	No follow-up
	20. El Hajeb	From 24/9 to 4/10 -2001 February 1999 (11-12 day course)	From 30/9 to 10/10 -2002 February 1999 (10-day course)	No follow-up	No follow-up
Fes-Boulmane	21. Sefrou	From 22/10 to 1/11/2001 (10-day course)	From 15 au 23 March 2002 (7-day course)	From 24 to 29 March 2003	No follow-up
Taza-Alhouceima-Taounate	22. Al Hoccima	From 08 to 14 May -2005 (7-day course)	From 26/11 to 2/12 -2006 (7-day course)	No follow-up	No follow-up
	23. Taounate	From 08 to 14 May -2005 (7-day course)	From 26/11 to 2/12 -2006 (7-day course)	No follow-up	No follow-up
	24. Taza	From 05 to 11 June -2005 (7-day course)	From 17 to 23 June -2006 (7-day course)	No follow-up	No follow-up
Tanger-Tétouan	25. Chefchouen	From 22/10 to 1/11/2001 (10-day course)	From 19 to 25 November 2006 (7-day course)	From 23 to 28 December 2002	From 5 to 10 December 2005
	26. Tanger Assilah	From 8 to 18 April -2002 (10-day course)	From 28 May to 3 June 2006 (7-day course)	No follow-up	No follow-up
	27. Tanger Fahs	From 8 to 18 April -2002 (10-day course)	From 07 to 13 May 2006 (7-day course)	No follow-up	No follow-up
	28. Tétouan	From 8 to 18 -2002 (10-day course)	From 03 to 10 February 2007 (7-day course)	No follow-up	No follow-up
	29. Larache	From 20 to 26 November 2005 (7-day course)	From 07 to 13 May 2006 (7-day course)	No follow-up	No follow-up
Région de l'Oriental	30. Nador	From 20 to 24 June 2005 (7-day course)	From 11 to 17 June 2006 (7-day course)	No follow-up	No follow-up
	31. Berkane	From 20 to 24 June 2005 (7-day course)	From 11 to 17 June 2006 (7-day course)	No follow-up	No follow-up

ANNEX 6. RESULTS FROM FOLLOW-UP VISITS



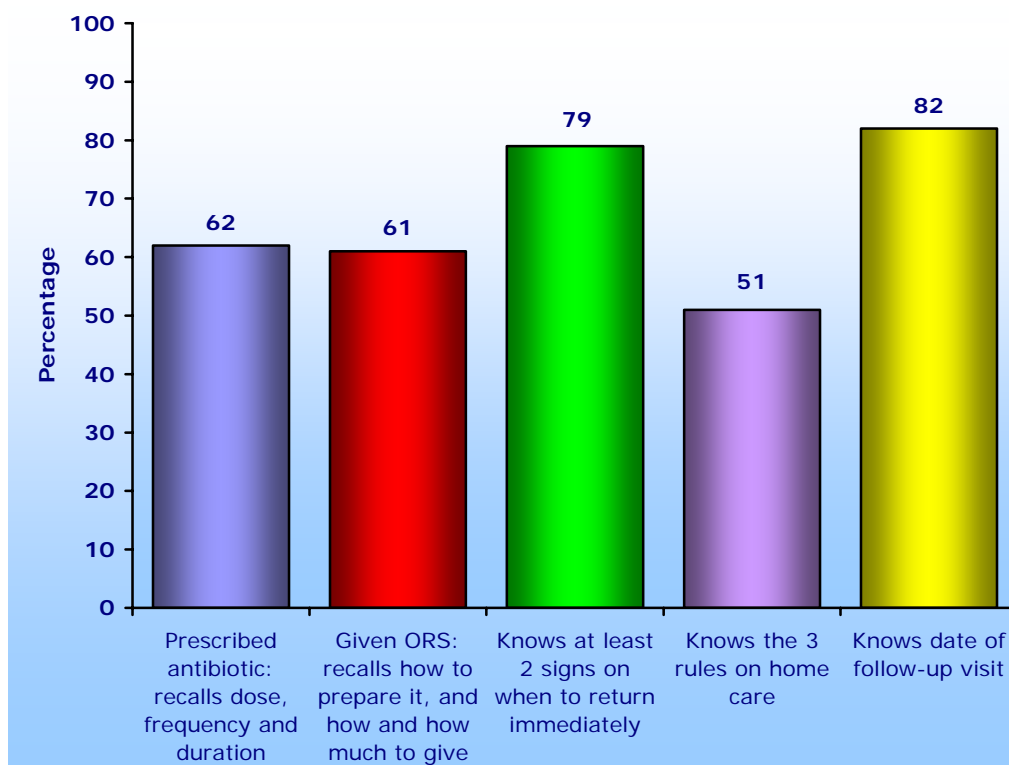
Abbreviations: GDS = General danger signs; 4 main symptoms = Cough, diarrhoea, ear problem and fever; Vit. = vitamin. Note: throat examination refers to children 18 months old or older

Fig A1. Health provider performance: Assessment – First follow-up visit (October 1999–August 2003)



ORS = Oral rehydration salts

Fig A2. Health provider performance: Treatment and counselling – First follow-up visits (October 1999–August 2003)



ORS = Oral rehydration salts

Fig A3. Mother's knowledge about home care (exit interviews) – First follow-up visits (October 1999–August 2003)

ANNEX 7. SCHEDULE OF SURVEY ACTIVITIES

March 2007; November – December 2007

- PLANNING**

Planning meeting 12 – 17 March 2007

Final selection of health facilities October 2007

- TRAINING**

Surveyor training 28 October - 2 November 2007

- FIELD WORK**

Data collection 5 – 19 November 2007

- DATA ENTRY AND ANALYSIS**

Completion of data entry and cleaning 20 – 26 November 2007

Preparation of tables and graphs for group analysis 27 November - 3 December 2007

Group data analysis, conclusions and recommendations 4 - 7 December 2007

- PRESENTATION OF MAIN FINDINGS, CONCLUSIONS AND RECOMMENDATIONS**

Preparation of presentation for feedback meeting and further analysis 8 - 10 December 2007

National feedback meeting 12 December 2007

October				November																
28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	
<i>Surveyor training</i>					<i>Data collection</i>															
					<i>Data entry</i>															

November													December								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	
Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	
					<i>cont</i>		<i>Data entry</i>					<i>Data cleaning</i>			<i>Data analysis: preparation of tables and graphs</i>				<i>Group analysis, with conclusions and recommendations</i>		

ANNEX 8. PLANNING FOR THE SURVEY

Ministry of Health, Rabat

12 – 17 March 2007

08.30 – 18.30 hours

Monday, 12 March

- ↳ Meeting of the survey planning team:
 - ▶ Review of tentative schedule of planning visit
 - ▶ Review of checklist of information required for planning
 - ▶ Survey manager and co-ordinator
 - ▶ Objectives of the survey
 - ▶ Review of draft notes on background on the child health situation in the country (e.g., DHS/PAPFAM survey data, health facility data), rationale for the IMCI strategy and progress in implementation; summary results of follow-up visits, observations and lessons
 - ▶ Geographic scope and sampling, including criteria for health facilities to survey (options and related issues, data required)
 - ▶ Surveyors, supervisors (responsibilities, requirements)

Tuesday, 13 March

- ↳ Meeting of the survey planning team (continued):
 - ▶ Technical support for the survey (from surveyor training to analysis)
 - ▶ Review of survey forms (and plans for translation of selected sections): Form 1—to be cont'd—
 - ▶ Initial list of country-specific health facility survey rules—to be cont'd—

Wednesday, 14 March

- ▶ Review of survey forms (and plans for translation of selected sections): Forms 1, 2, 3, 4 and observation form—continued—
- ▶ List of country-specific health facility survey rules—continued—

Thursday, 15 March

- ▶ Visit to a nearby health centre implementing IMCI (in Rabat):
 - Pre-test of forms
 - Patient flow, outpatient logbooks, drug stock cards
 - Revision of forms and survey rules

Friday, 16 March

- ▶ Meeting with partners and WHO country office staff on plans for the survey
- ▶ Review of computer facilities and logistics
- ▶ Plans for revision of EpiInfo data entry and analysis files based on revised forms
- ▶ List of potential surveyors and supervisors
- ▶ Review of plans for data entry and analysis
- ▶ Estimate of number of sets of forms, summary comment sheets and surveyor instructions needed for the survey; instruments to translate (survey procedure manual, checklist of tasks, forms)

Saturday, 17 March

- ↳ Planning for:
 - ▶ Surveyor training (responsibility, language, schedule)
 - ▶ Data collection (survey itinerary)
 - ▶ Delivering the forms completed by each team to the central level daily, for data review and entry
 - ▶ Data entry and analysis; data entry operators (and their training); drug classification; labels for 'health facility envelopes'
 - ▶ Dissemination of findings and 'Feedback meeting' (presentation of preliminary findings and recommendations)
- ↳ Finalization of survey schedule
- ↳ Planning for remaining survey tasks

ANNEX 9. SURVEY NATIONAL PLANNING TEAM

12 – 17 March 2007

<i>Name</i>	<i>Title and affiliation</i>		<i>Province</i>
Dr CHEKLI Hamid	Public health specialist	Chief, Child Health Service, Direction de la Population	Ministry of health, Rabat
Dr LYAGHFOURI Aziza	Pediatrician	National IMCI focal point, Child Health Service, Direction de la Population	Ministry of health, Rabat
Dr BRAIKAT M'Hamed	Public health specialist	Responsible for the National EPI programme, Direction de la Population	Ministry of health, Rabat
M. RJIMATI Larbi	Nutritionist	Programme on the control of micronutrient deficiencies, Child Health Service, Direction de la Population	Ministry of health, Rabat
Dr YARTAOUI Hafida	Physician	Chief, Planning Service, Family Planning Division, Direction de la population	Ministry of health, Rabat
DR GHOLBZOURI Karima	Public health specialist	Chief, Health coverage service, Direction des Hôpitaux et des Soins Ambulatoires	Ministry of health, Rabat
Dr FILALI Abdelilah	Physician	Chief, Urban health centre, Jnanat	Prefecture (province) of Fès
Dr KHALFAOUI Omar	Paediatrician	Head, Paediatric service, Hôpital Provincial Ibn Baja	Prefecture (province) of Taza
Dr BAHIJ Abderrahmane	Physician	Chief, Urban health centre, SEBBAH	Prefecture (province) of Sekhirat- Témara
Dr ESSAMADI Abdelilah	Physician	Chief, Urban health centre, El Haouta	Prefecture (province) of Chefchaouen
Dr AJANA Med Kamal	Pediatrician	Paediatric service, Hôpital Civil Tetouan	Prefecture (province) of Tétouan

**ANNEX 10. LIST OF HEALTH FACILITIES SELECTED,
BY RESIDENCE AND PROVINCE**

Urban facilities

Health facility no.	'Circonscription sanitaire'	Health facility name
Province: 1. Tanger Asilah		
1	BENDIBANE	Bendibane
2	AMAL	Amal
3	M'SALLAH	M'sallah
4	SAID NOUSSAIRI	Said Noussairi
Province: 3. Larache		
5	HAYJADID	Hayjadid
Province: 4. Tétouan		
6	BOUJARRAH	Boujarrah
7	MHANNECH	Mhannech
8	BEN KARRICH	Ben Karrich
Province: 6. Nador		
9	ALMASJID	Al Masjid
Province: 7. Al Hoceima		
10	A HAMMOU	Abdellah Hammou
Province: 8. Taounate		
11	TAOUNATE	Taounate
Province: 9. Taza		
12	GUERCIF	S.M.Ben Ahmed
13	BAB ZITOUNA	Bab Zitouna
Province: 10. Fès		
14	AIN KADOUS	Ain Kadous
15	LALLA SOUKAINA	Lalla Soukaina
16	SIDI BRAHIM	Sidi Brahim
Province: 12. Meknès		
17	ACHOUBIK	Achoubik
18	IZDIHAR	Izdihar
19	RIAD	Riad
Province: 13. Meknès El Hajeb		
20	AIN TAOUJDATE	Ain Taoujdate
Province: 14. Rabat		
21	TAKADDOUM	Takaddoum
22	SIDI FATAH	Sidi fatah 1
23	EL MELK	El Melk
24	EL FATH	El Fath
Province: 15. Settat		
25	EL GARA	Csua El Gara
Province: 17. Essaouira		
26	ESSAOUIRA VILLE	Allal ben Ahmed Amkik
Province: 18. Agadir Ida outanane		
27	BOUARGANE	Bouargane
28	TIKIOUINE	Tikiouine
Province: 19. Taroudant		
29	EL GUERDANE	El Guerdane

Rural facilities

Health facility no.	'Circonscription sanitaire'	Health facility name
Province: 1. Tanger Assilah		
30	DAR CHAOUI	Dar Chaoui
Province: 2. Tanger Fahs		
31	MALLOUSSA	Malloussa
Province: 3. Larache		
32	RISSANA	Rissana Cham
33	KSAR BJIR	Ksar Bjir
Province: 4. Tétouan		
34	COELMA	Azla
Province: 5. Chefchaouen		
35	BRIKCHA	Asjen
Province: 6. Nador		
36	ZEGANGAN	Ouixane
37	MIDAR	Tafersit
Province: 7. Al Hoceima		
38	BNI AMART	Bni Amart
Province: 8. Taounate		
39	BOUHOUDA	Bouhouda
40	AIN GDAH	Ain gdah
Province: 9. Taza		
41	TAHLA	Matmata
Province: 11. Sefrou		
42	Bni Sadden	Bir Tamtam
Province: 13. Meknès El Hajeb		
43	AIT YAAZEM	Ait Yaazem
Province: 16. Azilal		
44	AZILAL	Agoudid
Province: 17. Essaouira		
45	TAFETACHT	Tafetacht

ANNEX 11. SURVEYOR TRAINING SCHEDULE

28 October – 2 November 2007

Sunday, 28 October

- Welcome, purpose of the training and introduction of participants
- Administrative information
- Introduction to the survey: survey objectives and training agenda
- Survey methodology
- Introduction to survey procedures and forms
- Introduction to survey Q-by-Q instructions
 - *Enrolment card*
 - Form 1: *Observation of case management*
 - Classroom practice with exercises and role-plays
 - Briefing on 1st practice with outpatients at health facility

Monday, 29 October

- ↳ 1st practice with outpatients: using Enrolment Form and Form 1
- Review of practice in groups

- ❖ *Meeting with team supervisors*:
- ✓ Supervisor responsibilities
- ✓ Enrolment Form and Form 1

Tuesday, 30 October

- Plenary on 1st practice
 - Form 2: *Exit interview*
Classroom practice
 - Form 3: *Re-examination of child*
Classroom practice
 - Form 4: *Equipment and supply*
- Briefing on 2nd practice with outpatients at health facility

- ❖ *Meeting with team supervisors*:
- ✓ Forms 2, 3 & 4
- ✓ Checking forms in the field
- ✓ Providing feedback to health facility staff
- ✓ Supervisors' daily meetings with teams

Wednesday, 31 October

- ↳ 2nd practice with outpatients: using all forms
- Review of practice in groups and plenary
- Briefing on 3rd visit to health facility

- ❖ *Meeting with team supervisors*:
- ✓ Checking surveyor reliability and forms
- ✓ Summarising qualitative observations

Thursday, 1 November

- ↳ 3rd practice at health facility: using all forms
- Review of practice in groups and plenary

Friday, 2 November

- Drills on Q-by-Q instructions and survey procedures
- Training evaluation

- ❖ *Meeting with team supervisors:*
 - ✓ Survey itinerary
 - ✓ Team composition
 - ✓ Forms and supplies
 - ✓ Final arrangements

ANNEX 12. LIST OF SURVEYORS AND SUPERVISORS BY TEAM

5 – 16 November 2007

Teams	'Observers'	'Validateurs'	Supervisors #	Provinces in which health facilities located
Team A	4. Dr Mohamed Faouzi (Agadir)	2. Dr Ettini Asmaa (Essaouira) 3. Dr Mohamed Mozariahi (Al Hoceima)	1. Dr Nadir Kandoussi (Meknès)	Rabat – Chefchaouen - Tétouan- Tanger Assilah - Tanger Fahs
	5. Dr Ahmed Ouardani (Al Hoceima)			
Team B	8. Dr Mohamed Ragala (Larache)	7. Dr Khadija Benabdejlil (Agadir)	6. Dr Hafida Yartaoui (Rabat/DP)	Fès – Sefrou – El Hajeb – Taza
	9. Dr Anouar Sadat Mohamed (Rabat /DP)			
Team C	13. Dr Babij Abderrahmane (Témara)	11. Dr El Khalfaoui Omar (Casa) 12. Dr Farida Babnou (Chefchaouen)	10. Dr Mezzine Abdennour (Mdik Fritek)	Rabat – Settat – Azilal- Meknès – Larache
	14. Dr Loubna Ben Salah (Nador)			
Team D	17. Dr M'Barek Rafaai (Larache)	16. Dr Houssain Azouz (Chefchaouen)	15. Dr Filali Abdellillah (Fès)	Rabat – Nador – Al Hoceima – Taounate
	18. Dr Karim Imari (Tétouan)			
Team E	21. Dr Abderrahim Houari (Nador)	20. Dr Mancee Driss (Taza)	19. Dr Amal Benkirane (Larache)	Rabat – Tétouan – Essaouira – Agadir- Taroudante

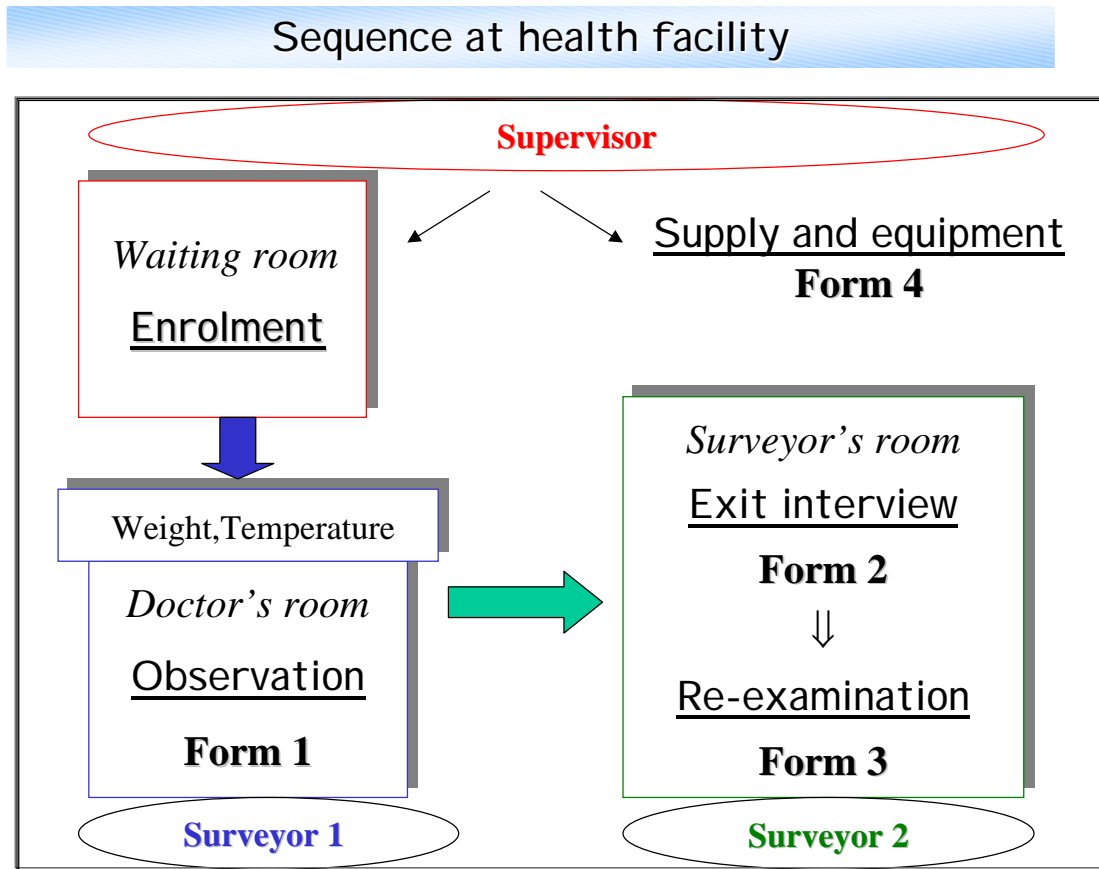
Supervisors were assigned to provinces different from their original place of work. The number before the surveyor and supervisor name in the table refers to the number assigned and as entered in the database in case of queries.

ANNEX 13: SURVEY TEAMS ITINERARY

HF no.	Urban/Rural	Circoscription sanitaire	Health facility name	Date of visit
TEAM A				
Province: 14. Rabat				
23	Urban	EL MELK	El Melk	05/11/2007
Province: 5. Chefchaouen				
35	Rural	BRİKCHA	Asjen	07/11/2007
Province: 4. Tétouan				
8	Urban	BEN KARRICH	Ben Karrich	08/11/2007
Province: 1. Tanger Assilah				
1	Urban	BENDIBANE	Bendibane	09/11/2007
2	Urban	AMAL	Amal	12/11/2007
3	Urban	M'SALLAH	M'sallah	13/11/2007
4	Urban	SAID NOUSSAIRI	Said Noussairi	14/11/2007
30	Rural	DAR CHAOUI	Dar Chaoui	15/11/2007
Province: 2. Tanger Fahs				
31	Rural	MALLOUSSA	Malloussa	16/11/2007
TEAM B				
Province: 10. Fès				
14	Urban	AIN KADOUS	Ain Kadous	05/11/2007
15	Urban	LALLA SOUKAINA	Lalla Soukaina	07/11/2007
16	Urban	SIDI BRAHIM	Sidi Brahim	08/11/2007
Province: 11. Sefrou				
42	Rural	Bni Sadden	Bir Tamtam	09/11/2007
Province: 13. Meknès El Hajeb				
20	Urban	AIN TAOUJDATE	Ain Taoujdate	12/11/2007
43	Urban	AIT YAAZEM	Ait Yaazem	13/11/2007
Province: 9. Taza				
13	Urban	BAB ZITOUNA	Bab Zitouna	14/11/2007
41	Rural	TAHLA	Matmata	15/11/2007
12	Urban	GUERCIF	S.M.Ben Ahmed	16/11/2007
TEAM C				
Province: 14. Rabat				
22	Urban	SIDI FATAH	Sidi fatah 1	05/11/2007
Province: 15. Settat				
25	Urban	EL GARA	Csua El Gara	07/11/2007
Province: 16. Azilal				
44	Rural	AZILAL	Agoudid	08/11/2007
Province: 12. Meknès				
17	Urban	ACHOUBIK	Achoubik	09/11/2007
18	Urban	IZDIHAR	Izdihar	12/11/2007
19	Urban	RIAD	Riad	13/11/2007
Province: 3. Larache				
5	Urban	HAYJADID	Hayjadid	14/11/2007
32	Rural	RISSANA	Rissana Cham	15/11/2007
33	Rural	KSAR BJIR	Ksar Bjir	16/11/2007

HF no.	Urban/Rural	Circoscription sanitaire	Health facility name	Date of visit
TEAM D				
Province: 14. Rabat				
24	Urban	EL FATH	El Fath	05/11/2007
Province: 6. Nador				
9	Urban	ALMASJID	Al Masjid	07/11/2007
36	Rural	ZEGANGAN	Ouixane	08/11/2007
37	Rural	MIDAR	Tafersit	09/11/2007
Province: 7. Al Hoceima				
10	Urban	A HAMMOU	Abdellah Hammou	12/11/2007
38	Rural	BNI AMART	Bni Amart	13/11/2007
Province: 8. Taounate				
11	Urban	TAOUNATE	Taounate	14/11/2007
39	Rural	BOUHOUDA	Bouhouda	15/11/2007
40	Rural	AIN GDAH	Ain gdah	16/11/2007
TEAM E				
Province: 14. Rabat				
21	Urban	TAKADDOUM	Takaddoum	05/11/2007
Province: 4. Tétouan				
6	Urban	BOUJARRAH	Boujarrah	07/11/2007
7	Urban	MHANNECH	Mhannech	08/11/2007
34	Rural	COELMA	Azla	09/1/2007
Province: 17. Essaouira				
26	Urban	ESSAOUIRA VILLE	Allal ben Ahmed Amkik	12/11/2007
45	Rural	TAFETACHT	Tafetacht	13/11/2007
Province: 18. Agadir Ida outanane				
27	Urban	BOUARGANE	Bouargane	14/11/2007
28	Urban	TIKIOUINE	Tikiouine	15/11/2007
Province: 19. Taroudant				
29	Urban	EL GUERDANE	El Guerdane	16/11/2007

ANNEX 14. SURVEY PROCEDURES FOR DATA COLLECTION AT HEALTH FACILITY



ANNEX 15. PARTICIPANTS IN THE GROUP ANALYSIS

Direction de la Population, Ministry of Health, Rabat
3–7 December 2007

Name	Title / Position	Province
Ministry of health		
Dr Khadija Banabdeljalil	Head, Urban Health Centre 'Bouargane'	Agadir
Dr Asmaa Ettini	Emergency department, Provincial Hospital	Essaouira
Dr Abdelilah Filali	Urban Health Centre 'Jnanate'	Fès
Dr Omar Khalfaoui Hassani	Pediatrician, Paediatrics department, Provincial Hospital 'Ben Msik Sidi Othmane'	Casablanca
Dr Nadir Kandoussi	Public Health Specialist, IMCI Focal Point	Health directorate, Meknès
Dr Abderrahmane Bahij	Urban Health Centre 'Skhirat'	Skhirat
Dr Hafida Yertaoui	Head, Planning service, Population Directorate ¹	Ministry of Health, Rabat
Dr Hassan Akhaddam	Head, Planning Service, Planning and Finance Directorate ²	Ministry of Health, Rabat
Dr Mohammed Yassine	Economist, Planning and Finance Directorate ²	Ministry of Health, Rabat
Mme Samira Jabal	Point Focal B.E.D, Directorate of Hospitals and Outpatient Services ³	Ministry of Health, Rabat
Mme Fouzia Benabdelouahid	Head, Procurement Division ⁴	Ministry of Health, Rabat
Dr Zohra Benbihi	Pharmacist, Procurement Division ⁴	Ministry of Health, Rabat
Dr Karima Gholbzouri	Head, Division of Family Planning, 'Direction de la Population'	Ministry of Health, Rabat
Dr Hamid Chekli	Head, Child Health Service, Population Directorate ¹	Ministry of Health, Rabat
Dr Aziza Lyaghfour	National IMCI focal point, Child Health Service, Population Directorate ¹	Ministry of Health, Rabat
Dr Habiba Ben Ali Laroussi	Child Health Service, Population Directorate ¹	Ministry of Health, Rabat
M. Abdenbi Khonfi	Information, Education and Communication Division, Population Directorate ¹	Ministry of Health, Rabat
Mlle Naima Rachih	Sociologist, Information, Education and Communication, Population Directorate ¹	Ministry of Health, Rabat
World Health Organization		
Dr Suzanne Farhoud	Regional adviser, Child and adolescent health and development (CAH)	WHO/EMRO ⁵
Dr Sergio Pièche	Medical officer, Child and adolescent health and development (CAH)	WHO/EMRO ⁵
Dr Zoulikha Faraj	Medical officer	WHO/Morocco

¹ Direction de la Population

² Direction de Planification et des Ressources Financières

³ Direction Hôpitaux et Soins Ambulatoires

⁴ Division de l'Approvisionnement

⁵ World Health Organization, Regional Office for the Eastern Mediterranean

ANNEX 16. NATIONAL FEEDBACK MEETING: LIST OF PARTICIPANTS

Direction de la Population, Ministry of Health, Rabat
12 December 2007

Name	Position	Organization/Province/ Prefecture
Ministry of health		
Dr Ismaali El Alaoui	Inspector General	Ministry of Health, Rabat
Dr Alaoui Belghiti	Director, Hospitals and Outpatient Services ¹	Ministry of Health, Rabat
Dr Nada Darkaoui	Head, Outpatient Services Division, Directorate of Hospitals and Outpatient Services ¹	Ministry of Health, Rabat
Mme Samira Jabal	BDN Focal Point, Directorate of Hospitals and Outpatient Services ¹	Ministry of Health, Rabat
Dr Mohamed Charradi	Head, Division of School and University Health, Population Directorate ²	Ministry of Health, Rabat
Dr Bourquia Nabil	Head, School Health Service, Division of School and University Health, Population Directorate ²	Ministry of Health, Rabat
Dr A. Jaziri	Head, University Health Service, Population Directorate	Ministry of Health, Rabat
Mr Mohamed Laadissi	Division of School and University Health, Population Directorate ²	Ministry of Health, Rabat
Dr Sadat Mohamed Anouar	National Programme on Immunization, Population Directorate	Ministry of Health, Rabat
Dr Hamid Checkli	Head, Child Health Service, Population Directorate ³	Ministry of Health, Rabat
Dr Aziza Lyaghfour	National IMCI focal point, Child Health Service, Population Directorate ³	Ministry of Health, Rabat
Dr Habiba Ben Ali Laroussi	Child Health Service, Population Directorate ³	Ministry of Health, Rabat
Dr Karima Gholbzouri	Head, Family Planning Division, Population Directorate ³	Ministry of Health, Rabat
Dr Ali Ben Salah	Head, Maternal Health Service, Population Directorate ³	Ministry of Health, Rabat
Dr Fatima Tsouli Chmiyale	Maternal Health Service, Division of Maternal and Child Health, Population Directorate ³	Ministry of Health, Rabat
Mme Jamila El Mendili	Statistician, Maternal Health Service, Population Directorate ³	Ministry of Health, Rabat
Abdelilah Lakssir	Family Planning Division, Population Directorate ³	Ministry of Health, Rabat
M Mohamed El Filahi	Division of Maternal and Child Health, Population Directorate ³	Ministry of Health, Rabat
M. Tahar Ouaurir	Adolescent and Youth Health Programme, Population Directorate ³	Ministry of Health, Rabat
Mr Baze Sifdine	Information Unit, Population Directorate ³	Ministry of Health, Rabat
Mr Elkeir Fathe	Information unit, Population Directorate ³	Ministry of Health, Rabat
Dr Noureddine Chaouki	Director, Epidemiology and Disease Control ⁴	Ministry of Health, Rabat
Dr Abderrahmane Ben Mamoun	Head, Division of Communicable Diseases, Epidemiology and Disease Control Division ⁴	Ministry of Health, Rabat
M. Mohamed Maadi	Head, 'Service de Conception', Information, Education and Communication Division, Population Directorate ³	Ministry of Health, Rabat
Mme Fatima Temmar	Training Division	Ministry of Health, Rabat
Ahmed El Fathi	Engineer, Service Coordination, Population Directorate ³	Ministry of Health, Rabat
Mr Mohammed Yassine	Studies and Health Information Service, Directorate of Planning and Financing ⁵	Ministry of Health, Rabat
Dr Ghizlane Roudies	Paediatrician, IMCI Focal Point	Health Directorate, Rabat
Dr Meryem Chkirate	Paediatrician, Urban Health Centre 'Douar Al Hajja'	Rabat
Dr Amal Benkirane	Head, Health Centre 'Al Kolla'	Larache
Dr Abderrahmane Bahij	Urban Health Centre, Skhirat	Temara
Dr Nadir Kandoussi	IMCI Focal Point	Health Directorate, Meknès
Dr Abdeilalah Filali	Urban Health Centre, Jnate	Fès
M ^e Fatima Hiyaooui	Facilitator, PNI	Health Directorate, Rabat

Name	Position	Organization/Province/Prefecture
Medical schools		
Prof Mostapha Hida	Paediatrics	Faculty of Medicine and Pharmacy, Fès
Prof Samir Atmani	Paediatrics	Faculty of Medicine and Pharmacy, Fès
Non-governmental Organizations		
Mme Sylvia Kaissy	Training officer	Medicus Mundi Andalusia (MMA), Tanger Maroc
World Health Organization		
Dr Said Youssef	Representative	World Health Organization, Morocco
Dr Suzanne Farhoud	Regional adviser, Child and Adolescent Health and Development	World Health Organization, Regional Office for the Eastern Mediterranean
Dr Sergio Pièche	Medical officer, Child and Adolescent Health and Development	World Health Organization, Regional Office for the Eastern Mediterranean
Dr Faraj Zoulikha	Medical officer	World Health Organization, Morocco

¹ Direction Hôpitaux et Soins Ambulatoires

² Division de la Santé Scolaire et Universitaire (DSSU), Direction de la Population

³ Direction de la Population

⁴ Direction de l'Epidémiologie et de la Lutte contre les Maladies

⁵ Service des Etudes et de l'Information Sanitaire (SEIS), Direction de la Planification et des Ressources Financières