



# **Health Worker's Diary**

## **2009**

**Bureau of Health Education, DGHS  
Ministry of Health & Family Welfare  
Government of the People's Republic of Bangladesh**

*A look under the cover of*  
**Health Worker's Diary**

Topic	No. of pages
1. Editorial board (1 blank page)	2
2. Messages from dignitaries (2 blank pages)	5
3. User's personal and local communication info	1
4. Brief country profile, holiday list, 3 years' calendar	1
5. MDGs and other health indicators	1
6. Health manpower & institutional profiles	4
7. Vitamin A & EPI schedule	1
<b>8. Annual data compilation tables</b>	<b>4</b>
<b>9. Weekly work checklist (2 pages per month X 12 months)</b>	<b>24</b>
<b>10. Monthly data recording tables (7 pages X 12 months)</b>	<b>84</b>
11. Annex- Disease list	1
12. Note sheets	2
<b>Total pages =</b>	
<b>130</b>	

**Health Worker's Diary  
2009**

**Just down the cover**

**Page 1**

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**Bureau of Health Education, DGHS  
Ministry of Health & Family Welfare  
Government of the People's Republic of Bangladesh**

## Personal Information

Name..... Designation..... Sex.....

Date of birth..... Date of joining in govt. job..... Code.....

Phone..... Mobile phone.....

### Place of posting

Ward No. .... Union..... Upazila..... District.....

Name and address of Community Clinics in the place of posting .....

.....

Name and address of Health Sub-centers in the area .....

.....

**Permanent Address:** Vill ..... P.O.....

Upazila..... District..... Phone.....

### Blood Group

Own..... Husband/wife..... Son/daughter-1..... Son/daughter-2.....

Son/daughter-3..... Son/daughter-4..... Father..... Mother.....

### Whom to inform in emergency

Name	Relation	Address & mobile
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**Bring the diary in the monthly meeting of Upazila Health Complex**

**Names and phone numbers of health and family planning  
workers and supervisors in own ward, union**

**&**

**Names and phone numbers of health & family planning  
officers up to district levels**

**Page 8**

Sl. No.	Name	Designation	Phone	Mobile
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

## Bangladesh at a Glance

Area: Population: Administrative divisions:  
Nationality: State language: Religion: Climate:

## List of Holidays

Date	Holiday	Date	Holiday	Date	Holiday

Page 9

## Calendars

2 0 0 8	July	August	September	October	November	December
2 0 0 9	January	February	March	April	May	June
2 0 1 0	July	August	September	October	November	December
2 0 1 0	January	February	March	April	May	June

## Health related millennium development goals

<b>MDG-4</b>	Reduce u-5 child mortality by 2/3 <sup>rd</sup> between 1990 and 2015
<b>MDG-5</b>	Reduce maternal mortality by 3/4 <sup>th</sup> between 1990 and 2015
<b>MDG-6</b>	Halt and reverse HIV/AIDS, malaria & other communicable diseases by 2015
Like other member states of the United Nations, Bangladesh has also promised to achieve MDGs	

## Achievement of health related MDGs by Bangladesh

Page 10

MDG	Indicator	1990	Current	2015
4	Neonatal mortality rate (8-28 days)/1000 live birth	52	37	31
	Infant mortality rate/1000 live birth	94	52	31
	U-5 mortality rate/1000 live birth	144	65	48
5	Maternal mortality rate/ 100,000 live birth	320	290	147
	ANC by skilled personnel%		51.7	60.0
	Delivery conducted by skilled personnel%		17.3	40.0
	Postnatal care by skilled personnel%		21.3	
6	Malaria prevalence%		4.81	2.4
	Malaria death rate%		0.05	0.025
	Population receiving malaria preventive care%		90	100
	Population receiving malaria treatment%		85	95
	TB case detection by DOTS	70	72	100
	TB treatment success by DOTS	85	92	95

## Other Health Indicators

Indicator	Value	Indicator	Value
No. of households (mill)	25.40	Crude birth rate	20.8%
Members per household	4.7	Crude death rate	5.8%
Population (mill)	143.9	Population growth rate	1.5%
Male population (mill)	74.1	Total Fertility Rate	2.51
Female population (mill)	69.8	Net reproduction rate	1.18
Male:Female ratio	105/100	Life expectancy at birth	65.4 y
<5 children	11.7%	Male	64.4 y
<15 population	36.2%	Female	66 y
Eligible women (15-49 y)	51.2%	Age at marriage (Average)	21.95y
60+ population	6.5%	Male	25.31y
Population per sq km	939	Female	19.03y
Adult literacy rate	53.7%	Hep B3 coverage	83.7%
DPT-3 coverage	91.1%	Oral Polio coverage	92%
BCG coverage	96.8%	Fully immunized children%	81.9%
Measles coverage	83.1%	Vitamin A coverage	93%
TT-2 coverage	94%	Treatment seeking rate of <5 ARI children from skilled personnel	28.13%
Night blindness among preschoolers	0.04%	Home made saline use rate by <5 diarrhea affected children	81.2%

Page 10

Class	DGHS				DGFP				7DNS			
	Sanct.	Avail.	Vac.	Vac%	Sanct.	Avail.	Vac.	Vac%	Sanct.	Avail.	Vac.	Vac%
I	16797	10577	6220	37.0	1925	1270	755	39.2	58	11	47	81.0
II	451	285	166	36.8	1023	588	435	42.5	387	164	223	58.1
III	62340	48430	13910	22.3	40430	34656	5774	14.3	15838	13879	1959	12.4
IV	23622	19889	3733	15.8	8956	7671	1285	14.3	-	-	-	-
Total	103210	79181	24029	23.3	52334	44187	8249	15.8	16283	14075	2229	13.7

## Health Workforce in Bangladesh

Type	No.	Type	No.	Type	No.
Registered physicians	47259	Health education officers	215	Pharmacists	7622
Available in country	38537	Registered nurses	22803	Radiographers	1054
Serving under MOHFW	35%	Nurses available in country	15023	Physical therapists	139
Under other ministries	3%	Upazila Family Planning Officers	546	Medical assistants	5248
Serving in private sector	62%	Sanitary inspectors	952	Family welfare visitors	5248
Under DGFP	540	Dental technologists	454	Health inspectors	1401
Dental Surgeons	2995	Lab technologists	2210	Family planning inspectors	4110
				Family planning assistants	22350

**Govt. & Private**

**Page 12**

**No. of different type of health teaching/training institutes in Bangladesh**

**No. of seats in different medical & dental colleges of Bangladesh**

**Page 13**

**No. of seats in different nursing institutes of Bangladesh**

**Page 14**

**No. of seats in different institutes of health technology of Bangladesh**

**No. of seats in different BSc institutes of health technology of Bangladesh**

## Target population & Doses for Vitamin A

Target group	Dose	When to give
Child (9 – 11 months)	1 lakh IU	With measles vaccine
Child (12 – 59 months)	2 lakh IU	National Vit A plus campaign/ NID (twice at 6 monthly interval)
Postpartum woman	2 lakh IU	Within 6 weeks of child birth (1 capsule)

## Immunization schedule for 0 – 1 year child

Target disease	Vaccine	Dose	No. of dose	Interval	Time to start	Place	Route
TB	BCG	0.05 ml	1	-	From birth	Left upper arm	Intra-dermal
Polio	OPV	2 drops or as per direction	4	4 weeks	6th week	Oral	Oral
Diphtheria, whooping cough, tetanus, Hep-B, H. influenza-B	Penta- valent	0.5 ml	3	4 weeks	6 <sup>th</sup> week	Outside of middle thigh	Intramuscular
Measles	Measles	0.5 ml	1	-	9 <sup>th</sup> month	Outside of middle thigh	Sub-cutaneous

## TT schedules eligible women aged 15-49 years

TT dose	Interval	Dose	Place	Route
TT-1	As soon as age 15 completed	0.5 ml	Upper arm	Intra-muscular
TT-2	At least 28 days following TT-1			
TT-3	At least 6 months following TT-2			
TT-4	At least 1 year following TT-3			
TT-5	At least 1 year following TT-4			

# Statistics of your area

**Table-1**

**Aggregate information in this table after each month**

# Statistics of your area

Aggregate information in this table after each month...

Table-1...

Description		End of 2008	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009	June 2009	Jul 2009	Aug 2009	Sep 2009	Oct 2009	Nov 2009	Dec 2009	2008 + 2009
Pregnant women															
Deliveries															
Live births	Male														
	Female														
Still births	Male														
	Female														
Of live births	LBW														
	<9 mo														
Of still births <9 m															

Table-2

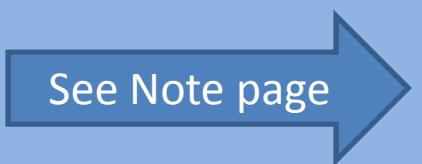
Table-3

Table-4

Table-5a

Table-5b

Table-6



See Note page

# Checklist

## Works to be done (Tick mark ✓ finished work)

**1-6**

**February 2009**

- .....
- .....
- .....
- .....
- .....
- .....
- .....

- Tick marked ✓ the finished work(s)
- Made new plan for unfinished works and re-listed those in diary
- Recorded the collected information in appropriate table
- Complied in aggregate monthly form all information collected in previous month
- Noted in appropriate page of diary info of any future work for reminder

## Note

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**Table-1. No. of pregnant women, deliveries and newborns**

Date	Newly recorded pregnant women	Delivery			Live birth		Still birth		Of live births how many		Of still births how many	Remarks	
		Hospital	Home		Boy	Girl	Boy	Girl					
			Skilled	Un-skilled				LBW	<9m	<9m			
1													
2													
3													
4													
5													
...													
...													
...													
...													
25													
26													
27													
28													
Total													

**Innovation in design of forms and Field Testing**

# Daily Information of February 2009

Page 2

**Table-2.** No. of deaths reported in this month

Date	0-7 d		8-28 d		29 d- <1 y		≥1 y - <5 y		≥5 y - <15 y		≥15 y – 49 y		50+ y		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1																	
2																	
3																	
4																	
5																	
...																	
...																	
...																	
...																	
...																	
25																	
26																	
27																	
28																	
Total																	

Write name, address and possible cause of death for each case in Table-3

## Table-3. Detail information on deaths

(Name of person died, address, possible cause of death (please refer to annex at end of diary)

Annex

**Table-4. Information on morbidity (all ages) (No. of cases)...**

**Table-4.** Information on morbidity (all ages) (No. of cases)...

**Table-5a. Information on morbidity (age <2 months) (No. of cases)...**

**Table-5a. Information on morbidity (age <2 months) (No. of cases)...**

# **Daily Information of February 2009**

Page 36

**Table-5b. Information on morbidity (age 2 months-5 years) (No. of cases)...**

**Table-5b. Information on morbidity (age 2 months-5 years) (No. of cases)...**

### Table-6. Information on immunization...

## No. of children vaccinated in this month

Table-6. Information on immunization

**No. of pregnant and eligible women given TT and postpartum Vitamin A in this month**

Pregnant Women					
TT-1	TT-2	TT-3	TT-4	TT-5	Total

Non-pregnant but eligible women					
TT-1	TT-2	TT-3	TT-4	TT-5	Total

Postpartum Vitamin A	Remarks

See Compilation Page 16-19

# Annexure: Name of diseases

Page 128

1. Pneumonia(ARI)	16. Filariasis	31. Amebiasis
2. Measles	17. Fungal infections	32. Bacillary Dysentery
3. Asthma /COPD	18. Gonorrhea	33. Cirrhosis of liver
4. Bronchiolitis	19. Kala-azar	34. Enteric Fever
5. Diphtheria	20. Leprosy	.....
6. Pleural effusion	21. Mumps	.....
7. Tonsillitis	22. Poliomyelitis/AFP	.....
8. Whooping cough	23. Scabies	.....
9. Pneumonectomy	24. Syphilis	.....
10. Lobectomy	25. Tetanus	.....
11. Pleural effusion drainage	26. Tuberculosis	.....
12. Malaria fever	27. Other infections	.....
13. Fever Not malaria	28. Drowning/ Near Drowning	195. Leukemia
14. Dengue	29. Injury	196. Osteosarcoma
15. Malaria(Vivax/ Falciparum)	30. Diarrhea	197. Other cancer
		198. Cause unknown

← Death Report From

# Note

Page  
129-130

# The last words

Still many opportunities remain to improve the diary

We had time constraints

We added new idea whenever we found

Even after finishing, **we** realized that we missed many excellent ideas

**Sure !**  
You also found new ideas to improve it

**Please share those with us !**

**info@dghs.gov.bd**

# But the greatest challenge remains...

1

All will go in vain if we fail to make our health workers use the diary every day

2

Our health managers specially at upazila and district level must ensure that each health worker use the diary

3

UHFPO must routinely check health workers' diary in monthly meeting

4

Whenever any of the mid to senior managers will go for a field visit, s/he should ask health workers to show their diaries