



**SUMMARY UPDATE:** *Coordination meetings with GoM have been reassumed, with the first meeting taking place on 26 April 2005. Emphasis was given on the resumption of the sectoral meetings as well. Proposals are coming in and implementation of MAR EHA 001 expected to boost as soon as the procurements orders are made. Project Manager joined 3 May 2005. Website updated regularly (<http://www.who.org.mv>)*



## I. Health Protection and Disease Prevention

**Project Updates for disease surveillance (including outbreak response), health systems development, nutrition, reproductive and women's health, family planning, maternal and child health, care for chronic non-communicable diseases and mental health, safe water and sanitation and environmental health, and HIV/AIDS programming.**

**Any outbreaks? If so, action taken (verified, investigated, responded to)**

### Diarrhoea and vomiting:

There have been reports of 15 cases of diarrhoea and vomiting among staff on a resort island between 13<sup>th</sup> – 15<sup>th</sup> May. No guests have been affected. A team WHO/DPH visited the island and undertook inspections of food premises and practices, interviews of cases to ascertain symptoms and signs as well as food histories plus sampling of food handlers, food and water samples and environmental swabs were taken.

Most of the cases have recovered. Laboratory results awaited.

### Measles:

394 cases have been notified to Department of Public Health since January 2005. Male' notified 293 cases. Of the 46 in whom laboratory tests for measles IgM were performed, 28 were found to be positive.

Progress being made towards the measles/rubella campaign. US \$ 285,000 already committed from American Red Cross who will support this activity through United Nations Foundation.

### Mumps:

Incidence of mumps continues to increase. 928 cases of mumps have been notified from 51 islands since January 2005.

### **Number of provinces where dengue preparedness were assessed**

No changes since last report. No cases reported.



**Daily report from Department of Public Health.**

Report of 15<sup>th</sup> May 2005 in Annex 1.

**Immunizations Update**

Number of children immunized in previous 2 weeks, Cumulative percent of pop immunized:

Below updated immunization status for all atolls (data as per 7th of April 2005)

**Immunization Update 2005 (25 March - 7 April)**

Sl No.	Name of Atoll	Children <1 year											Child Bearing Age Women					
		BCG	OPV				Hep B			DPT			Measles	TT				
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>
1	Haa Alif	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Haa Dhaal	9	9	0	0	0	9	0	0	0	0	0	0	0	0	24	0	0
3	Shaviyani	7	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
4	Noonu	7	7	12	13	21	7	8	20	11	9	15	10	0	5	11	2	0
5	Raa	2	2	1	0	0	2	1	0	1	0	0	0	0	0	0	0	0
6	Baa	2	7	2	1	1	7	2	1	1	2	1	2	0	0	0	0	0
7	Lhaviyani	10	10	11	13	13	10	10	8	9	8	18	17	0	0	0	0	0
8	Kaaf	0	0	1	1	0	0	1	0	2	0	0	0	0	0	0	0	0
9	Alif Alif	1	1	1	1	1	1	1	1	1	1	1	3	0	1	2	0	5
10	Alif Dhaal	4	4	15	16	8	4	14	8	14	18	8	164	5	1	0	3	2
11	Vaavu	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12	Meemu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Faafu	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
14	Dhaal	3	3	6	2	6	3	5	5	6	0	7	5	0	0	0	0	0
15	Thaa	14	12	4	8	9	10	4	7	5	7	11	8	0	3	2	12	0
16	Laamu	3	3	1	0	0	3	1	0	1	0	0	0	0	0	0	0	0
17	Gaaf Alif	2	2	7	3	7	2	9	4	3	5	10	6	0	0	0	0	0
18	Gaaf Dhaal	8	8	9	11	9	8	10	12	13	7	13	9	0	0	0	0	0
19	Gnaviyani	4	4	11	7	15	4	10	18	12	16	5	13	8	5	7	0	2
20	Seenu	20	20	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0
<b>Total :</b>		<b>97</b>	<b>100</b>	<b>82</b>	<b>76</b>	<b>90</b>	<b>98</b>	<b>78</b>	<b>84</b>	<b>79</b>	<b>73</b>	<b>89</b>	<b>237</b>	<b>13</b>	<b>15</b>	<b>46</b>	<b>17</b>	<b>9</b>



### Immunization Update 2005 (after Tsunami to 7 April 2005)

Sl No.	Name of Atoll	Children <1 Year											Child Bearing Age Women					
		BCG	OPV				Hep B			DPT			Measles	TT				
			1st	2nd	3rd	4th	1st	2nd	3rd	1st	2nd	3rd		1st	2nd	3rd	4th	5th
1	Haa Alif	37	34	61	49	63	35	68	58	38	69	46	32	53	71	59	26	14
2	Haa Dhaal	58	58	56	65	65	58	63	37	55	71	60	53	11	12	7	19	6
3	Shaviyani	23	23	40	64	58	24	7	30	40	65	77	59	46	66	38	40	39
4	Noonu	31	31	31	65	48	31	33	42	34	45	41	33	14	17	20	31	13
5	Raa	68	71	72	86	82	75	73	72	61	79	77	71	116	129	80	56	56
6	Baa	40	42	61	54	57	36	57	25	52	51	51	52	42	64	66	82	64
7	Lhaviyani	35	36	59	50	55	36	45	43	45	52	58	53	22	9	8	16	12
8	Kaaf	37	37	36	22	25	35	37	42	47	24	27	54	32	13	37	21	19
9	Alif Alif	12	11	20	37	34	13	16	11	18	41	28	33	11	11	11	7	14
10	Alif Dhaal	34	34	49	53	52	34	49	55	46	51	53	208	19	39	31	31	24
11	Vaavu	0	0	6	8	9	0	6	16	6	8	9	4	7	9	2	2	7
12	Meemu	2	2	12	19	18	2	11	14	8	20	16	19	41	31	24	22	24
13	Faafu	4	3	12	25	35	3	10	10	8	29	26	20	27	30	21	12	11
14	Dhaal	14	15	18	13	21	14	18	15	15	11	28	15	17	22	12	3	3
15	Thaa	25	24	28	30	26	21	31	36	35	36	44	32	21	39	35	22	8
16	Laamu	85	86	104	137	142	108	116	108	100	125	123	95	86	141	103	140	81
17	Gaaf Alif	25	25	43	40	38	27	46	39	43	50	94	37	32	19	6	8	2
18	Gaaf Dhaal	61	61	73	76	72	61	76	63	75	71	81	110	0	0	0	0	0
19	Gnaviyani	24	24	35	39	44	24	34	40	35	43	38	30	22	18	21	6	5
20	Seenu	107	107	95	96	96	7	90	109	96	96	96	106	29	70	54	10	10
<b>Total:</b>		<b>722</b>	<b>724</b>	<b>911</b>	<b>1028</b>	<b>1040</b>	<b>644</b>	<b>886</b>	<b>865</b>	<b>857</b>	<b>1037</b>	<b>1073</b>	<b>1116</b>	<b>648</b>	<b>810</b>	<b>635</b>	<b>554</b>	<b>412</b>

#### Target percent of population immunized:

Difficult to calculate the percent because denominator is not determined for 2005. Hopefully we'll be able to get the information soon. Immunization coverage estimated to be around 95% for all vaccines.

#### Upcoming activities:

- No new updates



### **Health Systems Update**

➤ *Environmental Health/Water Sanitation*

#### **Health care waste management**

##### *Training*

Thirteen participants from the Regional hospitals, Ministry of Health and Ministry of Environment will attend a training course in Bangalore, India between 20-28 May. Participants will include medical staff, administrators and hospital waste managers. A second batch will attend another training session in June/July.

#### **Emergency Cleaning Operation (MoH/MoE&C, UNEP/WHO initiative)**

2000 drums for the collection of "hazardous" waste from tsunami affected islands have been procured by WHO and are already in the country. MoC&E is in the process of transporting the drums to the affected islands.

UNEP & MoC&E have selected staff that will participate in the Cleaning Operation and in coordination with MoH candidates are undergoing medical checkup.

### **Water and Sanitation**

#### *Water Safety Plans (WSPs)*

Template WSPs are being developed and will cover hazard assessment, system assessment, identification of control measures, monitoring of control measures, management procedures and verification. These will cover water produced by desalination, ground water and rainwater. A two days training course will be organized for the staff of MWSA on implementation of WSPs.

Hydrologist is in the process of being contracted to conduct detail assessment of water resources for longer-term reconstruction as a basis for preparation of development projects for the islands taking into consideration the socio economics factors, community involvement and government long term development plans.

#### *Microbiologic and chemical surveillance of water in the islands*

An assessment is being carried out to identify training and equipment needs. Training in monitoring, and the use of rapid test kits, will be carried out in collaboration with the PHL.

As regards the nitrites issues, the latest results show that some islands have indeed high amounts in the ground water. The water also has very high salinity and is undrinkable, thus the people on these islands are relying on rainwater and/or from desalination plants until the rainy season begins, and are not drinking the ground water.



The monitoring of nitrates (and other contaminations) will be covered in the WSPs and these will include control measures, corrective actions, emergency procedures etc. I am working on developing template WSPs.

### **Food Safety**

Comprehensive food safety draft guidelines have been developed for monitoring of food imports. Major problems of food safety in Maldives include: need of additional training for food inspectors; food handlers without proper training/orientation in food hygiene; in adequate safe water to maintain necessary level of hygiene; not enough inspectorate to monitor food contamination; more need of public education and participation.

As part of propagation of food safety among the general populace, efforts are underway to rope in the schools and promote safe food practices as one more part of the 'Healthy School Initiatives' to be launched by the Government of Maldives on 29<sup>th</sup> May 2005. The launch will commence with a 5 day training workshop for teachers and school health assistants from 29 May 2005 – 2 June 2005, as part of 'Train the Trainers Programme'. Food Safety has now been incorporated as one of the thrust areas along with Food Nutrition, Hygiene Promotion, Adolescent & Emotional Health and Anti tobacco school programme. Food Safety inputs including the 'Five Keys to Safer Food' have been provided for the workshop training to School Health Unit. The initiative is being supported by Ministry of Health, Government of Maldives, WHO and UNICEF.

Training of 25 new food inspectors was carried out over a period of 3 days (1 May – 3 May 2005) in food safety monitoring and compliance auditing of food processing units, resorts, hotels and food establishments. The participants were oriented in basic fundamentals of food safety; practical steps towards implementing food safety; food borne diseases and their prevention; auditing of Good Manufacturing Practices (GMP) and Good Hygiene Practices (GHP) in food establishments; Introduction on Risk Analysis and principles of Food Sampling.

Site visits to airport and seaport, fish processing units, food establishments, Ministry of Fisheries Agriculture and Marine Resources have been conducted for assessing the food safety implementation.

### **Logistics**

Tender document for medical consumables for all atolls and regional hospital is being developed.



### Surveillance System

#### Communicable Disease Surveillance

As part of WHO's assistance to the Public Health Laboratory in surveillance and monitoring of chemical and microbiological contaminants in food, necessary equipment and laboratory items were identified and procurement initiated. The laboratory equipment viz. Water Purification System, Stomacher and accessories have been received and delivered.

Active surveillance for AFP commenced in the national hospital (IGMH) and is to begin in ADK (private hospital) this week. Regional Hospitals will be included in near future.

Staffs at the Central Level Epidemiological Unit, Department Public Health and 16 staff members from Laamu and Thaa atolls have been trained in EPIINFO.

### Human Interest Corner

As part of a UNFPA documentary which discusses the impact of the tsunami in the Maldives, the response by communities, government and UN agencies, as well as issues that have arisen in the post-emergency situation and which will be used for the lessons learned workshop that OCHA is organising 17-18 May 2005 in Maldives. An interview with the WR has been conducted by UNFPA in which WHO's response to the tsunami and area of WHO focus was highlighted.

## II. Health Policy, Coordination and Services Delivery

- Project name and amount for funding: **MAV EHA 001 (US \$ 5,769,500)**
- Status update including as many concrete figures as possible:
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WHO Expected Contribution – Update	Allocation (US \$)	Obligated (US \$)
1. Assessment & Coordination	418,000	372,924
2. Support MoH in Coordination of Health Sector Activities	388,500	42,217
3. Prov. S&E of essential assets	2,870,000	1,095,381
4. Technical Support in Disaster Affected areas	232,000	1,063
5. Advocacy & Capacity Building response to Public Health Emergencies	348,000	22,640
6. Disease Surveillance and Response	426,500	114,331
7. Monitor & Surveillance of Environmental Health	1,086,500	147,205
<b>TOTAL</b>	<b>5,769,500</b>	<b>1,805,771</b>