

Outbreak Alert Form

Name of Center: 16a Hta Soi  
Province: Mae Hong Son  
Agency: International Rescue Committee  
Week No: 7  
Date: Feb 11-16, 2013  
Date of Rep: 10-Feb-13  
Reporter: Nya Wynn Soe

Alert based on absolute value:

| Diseases                                                                       | CASE      |           | DEATH     |           |
|--------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|
|                                                                                | INDICATOR | COUNT/NO. | INDICATOR | COUNT/NO. |
| 1. Severe dengue/ pneumonia                                                    | 0         | 0         | 0         | 0         |
| 2. Cholera                                                                     | 0         | 0         | 0         | 0         |
| 3. Measles                                                                     | 0         | 0         | 0         | 0         |
| 4. APPROPRIATE polio/vaccine                                                   | 0         | 0         | 0         | 0         |
| 5. Meningitis / encephalitis                                                   | 0         | 0         | 0         | 0         |
| 6. Severe Case / Death of Unknown Etiology from any suspected infectious cases | 0         | 0         | 0         | 0         |

Note: Report any suspected case of disease no. 1-6 **immediately** to CHC by FAX and via email to PHC with cc to CDCP BDC (bdc@bdc.gov.mm) and subn@bdc.gov.mm or to CCOSPT (ccospt@bdc.gov.mm). Report any suspected case of disease no. 7-12 to CHC by FAX and via email to PHC with cc to CDCP BDC (bdc@bdc.gov.mm) and subn@bdc.gov.mm or to CCOSPT (ccospt@bdc.gov.mm). Also include a zero report as part of the weekly reporting.

Alert based on statistical cut-off:

| Diseases                          | THIS WEEK      |                |                |             | 7-9 times mean of 3 previous |
|-----------------------------------|----------------|----------------|----------------|-------------|------------------------------|
|                                   | 2013 INDICATOR | 2012 INDICATOR | 2007-12 median | 2012 median |                              |
| 7. Influenza Like Illnesses (ILI) | 18             | 0              | 15             | 0           | 15                           |
| 8. Dengue infection               | 0              | 0              | 0              | 0           | 0                            |
| 9. Watery diarrhea                | 55             | 0              | 17             | 55          | 52                           |
| 10. Dysentery / Bloody diarrhea   | 37             | 0              | 1              | 3           | 40                           |
| 11. Malaria                       | 1              | 0              | 2              | 2           | 4                            |
| 12. Leptospirosis                 | 0              | 0              | 0              | 0           | 0                            |

| Previous calculation |      |      |
|----------------------|------|------|
| 2012                 | 2011 | 2010 |
| 8                    | 5    | 15   |
| 0                    | 0    | 0    |
| 57                   | 22   | 25   |
| 29                   | 30   | 20   |
| 1                    | 3    | 3    |
| 0                    | 0    | 0    |

Alert based on:

| Diseases                                                                                              | INDICATOR | COUNT/NO. | Total |
|-------------------------------------------------------------------------------------------------------|-----------|-----------|-------|
|                                                                                                       | 2013      | 2012      | 2012  |
| 13. Cluster of disease (e.g., jaundice, fever with rash, etc.)                                        | 0         | 0         | 0     |
| 14. Suspected vaccine preventable diseases: rubella, pertussis, diphtheria, measles, neonatal tetanus | 0         | 0         | 0     |
| 15. Rubella                                                                                           | 0         | 0         | 0     |
| 16. Pertussis                                                                                         | 0         | 0         | 0     |
| 17. Diphtheria                                                                                        | 0         | 0         | 0     |
| 18. Measles                                                                                           | 0         | 0         | 0     |
| 19. Neonatal Tetanus                                                                                  | 0         | 0         | 0     |

Note: Report diseases No. 7-14 or zero report **every Tuesday** for the previous week. (Sunday to Saturday). Send this form via email to CHC, PHC and cc to CDCP and BDC (bdc@bdc.gov.mm) and outbreak@health.moph.gov.mm, CCOSPT (ccospt@bdc.gov.mm), WHO (w@bdc.gov.mm), and TDC (TDC@bdc.gov.mm).

Response to the outbreak or epidemic detected:

Watery diarrhea cases are still high in this week. 495 (27 out of 55 cases) are from section 1, 4, 18, and 19. 66% (36 out of 55 cases) are under five children. There was no admission or referrals. Per rectal stool was sent for 5 patients, and 2 were not found enteropathogen in culture, and 3 results were still pending. Environmental health team conducted the chlorine residual test in section 1, 12, 14 and 19 high cases in week 6, and the results are found to be in acceptable range (0.33 to 0.78ppm). Community health worker team conducted the health education campaigns about diarrhea and hygiene in the affected sections. Clinical management in clinics is reviewed from the outpatient registration books. Clinical staff, environmental health team, and community health team conducted home visits for interviewing patient/caregiver about hygiene, drinking water, food practices, and taking action on findings. Influenza like illnesses are also high in ST area, and 72% (13 out of 18 cases) are under five children. 66% (12 out of 18 cases) are from section 5, 6, and 13. Upper respiratory tract infections (acute tonsillitis) cases are also becoming higher. Health education on home isolation and respiratory etiquette is provided in clinic.

Matrix cases analysis:

| Temporary shelter Resident (n) |    |       |      | Non-Temporary shelter Resident (n) |    |       |      | Total |    |       |      |
|--------------------------------|----|-------|------|------------------------------------|----|-------|------|-------|----|-------|------|
| PF                             | PV | Other | Pos. | PF                                 | PV | Other | Pos. | PF    | PV | Other | Pos. |
| 0                              | 1  | 0     | 0    | 0                                  | 0  | 0     | 0    | 0     | 1  | 0     | 0    |

Table 1: Matrix cases analysis (continued)

| No. | Organization Name              | Sex    | Age (in Yr) | House Number | Section | Date of onset | Date of diagnosis | Week of diagnosis | Lab result | Traveling History | School Name | Contacts | Dx                           |
|-----|--------------------------------|--------|-------------|--------------|---------|---------------|-------------------|-------------------|------------|-------------------|-------------|----------|------------------------------|
| 1   | International Rescue Committee | Female | 3           | 82           | 4       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 2   | International Rescue Committee | Male   | 3           | 26           | 5       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 3   | International Rescue Committee | Female | 8           | 41           | 6       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 4   | International Rescue Committee | Female | 3           | 24           | 6       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 5   | International Rescue Committee | Female | 3           | 113          | 4       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 6   | International Rescue Committee | Female | 102         | 84           | 13      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 7   | International Rescue Committee | Male   | 4 months    | 87           | 13      | 14-Feb-13     | 14-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 8   | International Rescue Committee | Female | 4.8         | 223          | 5       | 14-Feb-13     | 14-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 9   | International Rescue Committee | Female | 4           | 129          | 5       | 14-Feb-13     | 14-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 10  | International Rescue Committee | Male   | 2.8         | 438          | 6       | 15-Feb-13     | 15-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 11  | International Rescue Committee | Male   | 6           | 81           | 2       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 12  | International Rescue Committee | Male   | 2           | 2            | 13      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 13  | International Rescue Committee | Female | 1.8         | 5            | 18      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 14  | International Rescue Committee | Male   | 5           | 240          | 13      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 15  | International Rescue Committee | Female | 3           | 241          | 5       | 16-Feb-13     | 16-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 16  | International Rescue Committee | Female | 3           | 91           | 17      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 17  | International Rescue Committee | Male   | 3           | 487          | 11      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 18  | International Rescue Committee | Male   | 6           | 211          | 9       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Influenza Like Illness (ILI) |
| 19  | International Rescue Committee | Female | 55          | 124          | 6       | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 20  | International Rescue Committee | Female | 121         | 15           | 5       | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 21  | International Rescue Committee | Female | 14          | 12           | 2       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 22  | International Rescue Committee | Female | 15          | 118          | 1       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 23  | International Rescue Committee | Male   | 28          | 24           | 13      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 24  | International Rescue Committee | Male   | 28          | 24           | 13      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 25  | International Rescue Committee | Male   | 6           | 7            | 11      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 26  | International Rescue Committee | Female | 1           | 100          | 1       | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 27  | International Rescue Committee | Male   | 1           | 87           | 28      | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 28  | International Rescue Committee | Male   | 1           | 130          | 14      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 29  | International Rescue Committee | Female | 2           | 200          | 18      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 30  | International Rescue Committee | Male   | 10          | 10           | 18      | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 31  | International Rescue Committee | Male   | 4           | 31           | 4       | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 32  | International Rescue Committee | Male   | 8 months    | 34           | 2       | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 33  | International Rescue Committee | Female | 10 months   | 42           | 4       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 34  | International Rescue Committee | Female | 1           | 43           | 12      | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 35  | International Rescue Committee | Female | 13          | 58           | 12      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 36  | International Rescue Committee | Male   | 11 months   | 14           | 2       | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 37  | International Rescue Committee | Male   | 1           | 203          | 20      | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 38  | International Rescue Committee | Male   | 1           | 100          | 4       | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 39  | International Rescue Committee | Female | 14          | 88           | 20      | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 40  | International Rescue Committee | Female | 14          | 88           | 20      | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 41  | International Rescue Committee | Female | 21          | 41           | 6       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 42  | International Rescue Committee | Female | 22          | 37           | 13      | 14-Feb-13     | 14-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 43  | International Rescue Committee | Female | 2           | 108          | 4       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 44  | International Rescue Committee | Female | 1 months    | 45           | 2       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 45  | International Rescue Committee | Female | 2           | 108          | 4       | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 46  | International Rescue Committee | Male   | 1           | 141          | 13      | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 47  | International Rescue Committee | Male   | 4           | 126          | 2       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 48  | International Rescue Committee | Female | 1 months    | 108          | 9       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 49  | International Rescue Committee | Female | 3 months    | 11           | 4       | 14-Feb-13     | 14-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 50  | International Rescue Committee | Male   | 1           | 108          | 7       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 51  | International Rescue Committee | Male   | 29          | 16           | 5       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 52  | International Rescue Committee | Female | 4           | 126          | 5       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 53  | International Rescue Committee | Female | 3           | 100          | 5       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 54  | International Rescue Committee | Male   | 29          | 14           | 5       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 55  | International Rescue Committee | Male   | 1.3         | 148          | 7       | 12-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 56  | International Rescue Committee | Female | 20          | 208          | 13      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 57  | International Rescue Committee | Female | 28          | 208          | 13      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 58  | International Rescue Committee | Female | 18          | 100          | 5       | 14-Feb-13     | 14-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 59  | International Rescue Committee | Male   | 25          | 141          | 2       | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 60  | International Rescue Committee | Male   | 2           | 408          | 11      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 61  | International Rescue Committee | Male   | 30          | 103          | 13      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 62  | International Rescue Committee | Female | 1 months    | 12           | 7       | 11-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 63  | International Rescue Committee | Female | 18          | 35           | 14      | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 64  | International Rescue Committee | Female | 18          | 35           | 14      | 8-Feb-13      | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 65  | International Rescue Committee | Female | 3           | 107          | 12      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 66  | International Rescue Committee | Female | 1           | 107          | 12      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 67  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 68  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 69  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 70  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 71  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 72  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 73  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 74  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 75  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 76  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 77  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 78  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 79  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 80  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 81  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 82  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 83  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 84  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 85  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 86  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 87  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 88  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 89  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 90  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 91  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 92  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 93  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 94  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 95  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 96  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 97  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 98  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 99  | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |
| 100 | International Rescue Committee | Female | 1           | 119          | 19      | 10-Feb-13     | 12-Feb-13         |                   |            |                   |             |          | Watery Diarrhea              |