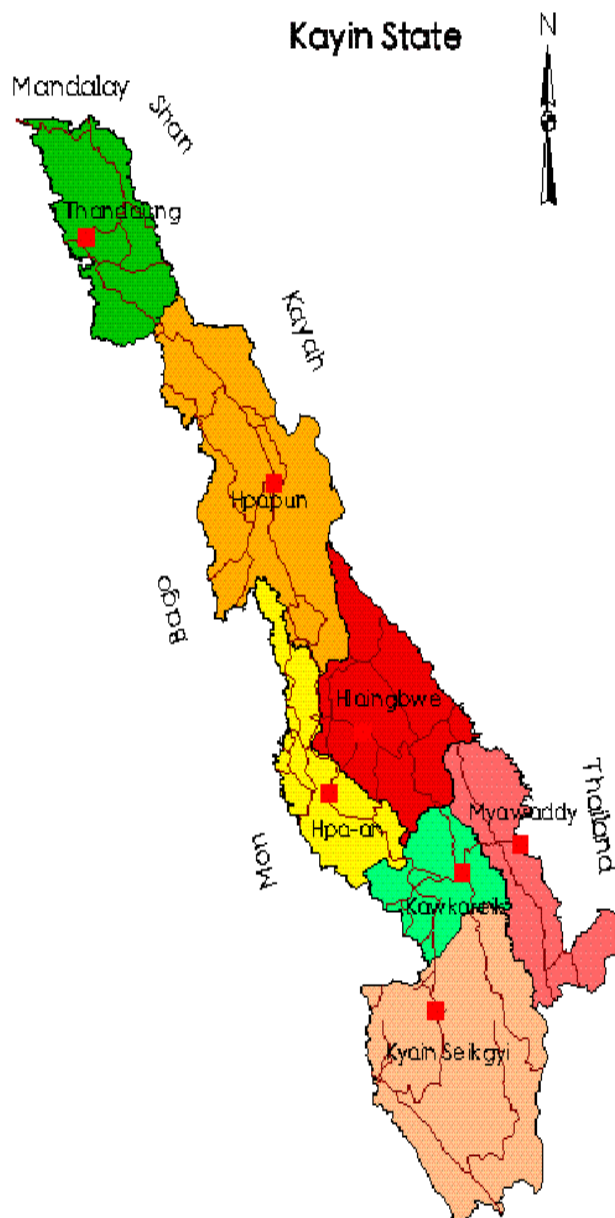


# State/Region Health Profile

## Kayin State



### 1. MAP

2. AREA 30385.49 Sq-Km

3. LOCATION East (Thailand) , West (Bago) , North(Kayah/Shan) ,South (Mon State)

### 4. POPULATION \* (2011)

|             |         |
|-------------|---------|
| Total       | 1431977 |
| Urban       | 232678  |
| Rural       | 1199299 |
| Male        | 688747  |
| Female      | 743230  |
| Sex Ratio   | 93      |
| < 5 Yr.     | 174328  |
| 0 - 14 Yr.  | 470938  |
| 15 - 49 Yr. | 706448  |

5. POPULATION DENSITY (2011) 47.127 Sq-Km

### 6. TOWNSHIPS, WARDS AND VILLAGES (2011)

|                |      |
|----------------|------|
| Townships      | 7    |
| Wards          | 75   |
| Villages       | 1685 |
| Village Tracts | 353  |

### 7. HEALTH FACILITIES

|                                        |     |
|----------------------------------------|-----|
| 1 General Hospital (200) Bedded        | 1   |
| 2 District Hospital (100) Bedded       | 2   |
| 3 District Hospital (50) Bedded        | 2   |
| 4 Township Hospital (25) Bedded        | 4   |
| 5 Station Hospitals                    | 20  |
| 6 Maternal and Child Health Centers    | 7   |
| 7 Urban Health Centers                 | 1   |
| 8 Rural Health Centers                 | 56  |
| 9 Sub Health Centers                   | 250 |
| 10 School Health Centers               | 1   |
| 11 Private Clinics and Maternity Homes | 102 |

\* Population based on head count collected annually by BHS

### 8. HEALTH MANPOWER (2011)

| CATEGORY  | DR  | N   | HA | LHV | PHSI | PHSII | MW  |
|-----------|-----|-----|----|-----|------|-------|-----|
| Sanction  | 127 | 252 | 53 | 55  | 19   | 109   | 322 |
| Appointed | 98  | 225 | 42 | 53  | 13   | 36    | 266 |
| Vacant    | 29  | 27  | 11 | 2   | 6    | 73    | 56  |

| V.H.W       | C.H.W | A.M.W | T.T.B.A |
|-------------|-------|-------|---------|
| Trained     | 1205  | 1232  | 636     |
| Functioning | 489   | 657   | 191     |

### 9. N.G.Os (2011)

|                   |   |
|-------------------|---|
| M.M.C.W.A         | 6 |
| RED CROSS         | 7 |
| M.M.A             | 5 |
| NURSE ASSOCIATION | 6 |
| H.A. ASSOCIATION  | 6 |

### 10. COMMUNITY HEALTH CARE

| PERCENT OF                           | 2009 | 2010 | 2011 |
|--------------------------------------|------|------|------|
| Rate of General Clinic Attendances % | 24.7 | 26.9 | 25.4 |
| % of referral cases                  | 0.5  | 0.7  | 0.7  |

### 11. SCHOOL HEALTH

| PERCENT OF                                 | 2009 | 2010 | 2011 |
|--------------------------------------------|------|------|------|
| Coverage of Schools Examined               | 92   | 89   | 87   |
| Coverage of Students Examined              | 74   | 73   | 74   |
| Coverage of Schools with Sanitary Latrine  | 79   | 79   | 78   |
| Coverage of Schools with Safe Water Supply | 75   | 75   | 76   |

**12. NUTRITION (Sentinel Surveillance)**

| PERCENT OF                                                     | 2009 | 2010 | 2011 |
|----------------------------------------------------------------|------|------|------|
| Under Weight Children (Under 1 Year)                           | 4.6  | 4.3  | 4.2  |
| Under Weight Children (Under 3 Years)                          | 5.5  | 5.1  | 4.4  |
| Severe Under Weight (Under 3 Years)                            | 0.4  | 0.7  | 0.6  |
| Targeted nutritional care coverage with the jurisdiction of MW | 25.3 | 23.6 | 26.2 |

**13. REPRODUCTIVE HEALTH**

| ITEM                                 | 2009 | 2010 | 2011 |
|--------------------------------------|------|------|------|
| % of Home Deliveries (Health Staff)  | 64.6 | 65.3 | 55.7 |
| % of Home Deliveries (AMW)           | 16.9 | 16.5 | 16.1 |
| % of deliveries at RHC delivery room | 7.0  | 7.0  | 7.1  |
| Low Birth Weight %                   | 1.1  | 1.4  | 1.7  |
| Rate of Referral %                   | 7.4  | 9.6  | 10.5 |
| Avg. no. of Attendance (AN)          | 3    | 3    | 3    |
| Avg. no. of Attendance (PN)          | 4    | 5    | 5    |
| AN Care Coverage %                   | 68.8 | 72.5 | 69.6 |

**14. EXPANDED PROGRAMME ON IMMUNIZATION**

| PERCENT OF    | 2009 | 2010 | 2011 |
|---------------|------|------|------|
| B.C.G         | 87   | 86   | 91   |
| D.P.T 3       | 81   | 82   | 85   |
| O.P.V 3       | 81   | 82   | 86   |
| Hepatitis B 3 | 80   | 82   | 39   |
| Measles       | 78   | 78   | 84   |
| T.T 2         | 75   | 75   | 81   |

**15. COMMON DISEASES IN DUNS**

| DISEASE                        | 2011      |           |
|--------------------------------|-----------|-----------|
|                                | Morbidity | Mortality |
| Malaria (per 100000 Pop)       | 1472.86   | 2.30      |
| ARI (per 100000 <5Children)    | 4980.84   | 2.29      |
| Diarrhoea (per 100000 Pop)     | 840.17    | 0.14      |
| Dysentery (per 100000 Pop)     | 230.80    | -         |
| TB (Sputum +) (per 100000 Pop) | 61.10     | 0.28      |
| Snake Bite (per 100000 Pop)    | 7.54      | 0.84      |

**16. MALARIA**

| PERCENT OF               | 2009 | 2010  | 2011 |
|--------------------------|------|-------|------|
| % of Malaria Cases (OPD) | 9.78 | 10.21 | 9.05 |
| Case Fatality Rate       | 1.04 | 2.09  | 1.51 |

**17. TUBERCULOSIS**

| PERCENT OF              | 2009  | 2010  | 2011  |
|-------------------------|-------|-------|-------|
| New Case Detection Rate | 95.67 | 92.85 | 75.98 |

**18. AIDS/ STD PREVENTION AND CONTROL**

| PERCENT OF                          | 2009 | 2010 | 2011 |
|-------------------------------------|------|------|------|
| VDRL (Syph +ve rate)in Primigravida | 0.10 | 0.23 | -    |

**19. LEPROSY**

| ITEM                                          | 2009 | 2010 | 2011 |
|-----------------------------------------------|------|------|------|
| Prevalence per 10000 Population               | 0.60 | 0.19 | 0.24 |
| New Case Detection Rate per 100000 Population | 6.05 | 2.24 | 2.86 |

**20.PREVENTION AND CONTROL OF COMMON CHILDHOOD DISEASES (Under 5 Years Children)**

| PERCENT OF                                          | 2009 | 2010 | 2011 |
|-----------------------------------------------------|------|------|------|
| % of <5 diarrhoea cases with severe Dehydration     | 2.14 | 1.78 | 1.20 |
| % of <5 Children with cough and difficult breathing | 4.68 | 4.51 | 4.73 |
| % of <5 Children with severe Pneumonia              | 0.30 | 0.20 | 0.15 |

**21. ENVIRONMENTAL HEALTH**

| PERCENT OF                            | 2009 | 2010 | 2011 |
|---------------------------------------|------|------|------|
| Coverage of Sanitary Latrines (Urban) | 79   | 79   | 90   |
| Coverage of Sanitary Latrines (Rural) | 72   | 73   | 70   |
| Coverage of Sanitary Latrines (Total) | 73   | 74   | 73   |

**22. PREVENTION OF ACCIDENT AND INJURY**

| ITEM               | 2011                     |                            |
|--------------------|--------------------------|----------------------------|
|                    | Morbidity (per 1000 Pop) | Mortality (per 100000 Pop) |
| Transport Accident | 2.45                     | 2.79                       |
| Suicide            | 0.07                     | 3.98                       |
| Assault            | 0.56                     | 0.56                       |

**23. HEALTH IMPACT INDICATORS**

| IN HEALTH SERVICE COVERED AREA   | 2009 | 2010 | 2011 |
|----------------------------------|------|------|------|
| Population Growth Rate %         | 1.2  | 1.2  | 1.3  |
| IMR/1000 Live Births (Reported)  | 10.3 | 10.2 | 7.6  |
| U5MR/1000 Live Births (Reported) | 15.8 | 14.6 | 11.2 |
| MMR/1000 Live Births (Reported)  | 1.6  | 1.9  | 1.1  |

**24. HOSPITAL SERVICE AND ADMINISTRATIVE INDICATORS**

| ITEM                                       | 2009  | 2010  | 2011  |
|--------------------------------------------|-------|-------|-------|
| Total No. of Out-patients                  | 91917 | 99652 | 97474 |
| Total No. of In-patients                   | 31181 | 39747 | 33608 |
| General Anaesthesia                        | 1044  | 1284  | 1364  |
| Spinal Anaesthesia                         | 1681  | 2028  | 1837  |
| Local Anaesthesia                          | 2604  | 3057  | 3028  |
| Other Anaesthesia                          | 1285  | 1111  | 923   |
| Total No. of Deliveries                    | 3313  | 4166  | 4106  |
| Total No. of Abortions                     | 1308  | 1310  | 1179  |
| Total No. of Deaths                        | 525   | 596   | 591   |
| Avg. No. of In-patient Per Day             | 355   | 433   | 373   |
| Avg. Duration of Stay Days                 | 4     | 4     | 4     |
| Bed Occupancy Rate % Based on Sanction Bed | 45    | 54    | 42    |