HMIS Trend Analysis - Meghalaya

***2008 - 09 to Apr’13 to Dec’13***

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3/4/2014

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| **Meghalaya- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **79,024** | **78,682** | **81,045** | **80,619** | **82,741** | **85,043** |
| **Reported ANC Registration** | **78,489** | **102,540** | **110,804** | **119,912** | **123,528** | **98,277** |
| **Meghalaya- % ANC Registration against expected pregnancies**  | **99%** | **130%** | **137%** | **149%** | **149%** | **116%** |

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| **Meghalaya- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **78,489** | **102,540** | **110,804** | **119,912** | **123,528** | **98,277** |
| **ANC registered within first trimester** | **16,911** | **27,570** | **29,947** | **31,316** | **32,646** | **32,245** |
| **Meghalaya- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **22%** | **27%** | **27%** | **26%** | **26%** | **33%** |
| **New women registered under JSY** | **4,959** | **24,711** | **31,060** | **36,715** | **39,235** | **37,787** |
| **Meghalaya- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **6%** | **24%** | **28%** | **31%** | **32%** | **38%** |
| **Number of pregnant women received 3 ANC check ups** | **29,520** | **42,142** | **46,879** | **54,807** | **62,003** | **50,931** |
| **Meghalaya- % 3 ANC Check ups against Reported ANC Registration**  | **38%** | **41%** | **42%** | **46%** | **50%** | **52%** |
| **TT1** | **37,197** | **46,265** | **50,388** | **52,532** | **52,817** | **40,219** |
| **Meghalaya- % TT1 against ANC Registration**  | **47%** | **45%** | **45%** | **44%** | **43%** | **41%** |
| **TT2 or Booster** | **44,337** | **54,033** | **58,103** | **63,573** | **66,183** | **52,698** |
| **Meghalaya- % TT2 against Reported ANC Registration**  | **56%** | **53%** | **52%** | **53%** | **54%** | **54%** |
| **Total number of pregnant women given 100 IFA tablets** | **46,640** | **41,490** | **52,764** | **50,293** | **66,170** | **34,141** |
| **Meghalaya- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **59%** | **40%** | **48%** | **42%** | **54%** | **35%** |

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| **Meghalaya - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **78,489** | **102,540** | **110,804** | **119,912** | **123,528** | **98,277** |
| **New cases of BP detected at institution** | **1153** | **2302** | **3221** | **3461** | **3867** | **2305** |
| **Meghalaya - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **1.5%** | **2.2%** | **2.9%** | **2.9%** | **3%** | **2%** |
| **Number of Eclampsia cases managed during delivery** | **255** | **1238** | **170** | **151** | **150** | **110** |
| **Meghalaya - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.32%** | **1.21%** | **0.15%** | **0.13%** | **0.12%** | **0.11%** |
| **Number having Hb level<11 (tested cases)** | **770** | **11286** | **20675** | **33622** | **38857** | **39388** |
| **Meghalaya - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **1.0%** | **11.0%** | **18.7%** | **28.0%** | **31%** | **40%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **276** | **1724** | **2316** | **2035** | **2828** | **2181** |
| **Meghalaya - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **0.4%** | **1.7%** | **2.1%** | **1.7%** | **2%** | **2%** |

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| **Meghalaya - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **71,840** | **71,530** | **73,678** | **73,290** | **75,219** | **77,312** |
| **Home SBA** | **3,811** | **4,053** | **3,574** | **4,143** | **3,691** | **2,492** |
| **Home Non SBA** | **28,796** | **33,049** | **35,345** | **35,509** | **35,744** | **26,688** |
| **Total Home Deliveries** | **32,607** | **37,102** | **38,919** | **39,652** | **39,435** | **29,180** |
| **Meghalaya- % Home Deliveries against expected Deliveries**  | 45% | 52% | 53% | 54% | 52% | 38% |
| **Institutional (Pub)** | **16,883** | **21,672** | **24,042** | **28,994** | **31,458** | **24,011** |
| **Institutional (Pvt)** | **1,312** | **7,513** | **7,522** | **9,455** | **9,808** | **8,049** |
| **Total Institutional Deliveries** | **18,195** | **29,185** | **31,564** | **38,449** | **41,266** | **32,060** |
| **Meghalaya - % Institutional Deliveries against expected Deliveries**  | 25% | 41% | 43% | 52% | 55% | 41% |
| **Total Reported Deliveries** | **50,802** | **66,287** | **70,483** | **78,101** | **80,701** | **61,240** |
| **Meghalaya - % Unreported Deliveries against expected Deliveries**  | 29% | 7% | 4% | -7% | -7% | 21% |

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| **Meghalaya -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Meghalaya- % Home Deliveries(SBA) against Reported Deliveries** | 8% | 6% | 5% | 5% | 5% | 4% |
| **Meghalaya- % Home Deliveries(Non SBA) against Reported Deliveries** | 57% | 50% | 50% | 45% | 44% | 44% |
| **Meghalaya- % Institutional Deliveries against Reported Deliveries** | 36% | 44% | 45% | 49% | 51% | 52% |

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| **Meghalaya - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** | **18,195** | **29,185** | **31,564** | **38,449** | **41,266** | **32,060** |
| **C- Section Deliveries (Pub)** | **1119** | **2018** | **2024** | **2520** | **2829** | **2112** |
| **C- Section Deliveries (Pvt)** | **981** | **2243** | **1822** | **2542** | **3282** | **2734** |
| **Total C- Section Deliveries (Pub & Pvt)** | **2100** | **4261** | **3846** | **5062** | **6111** | **4846** |
| **Meghalaya - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **12%** | **15%** | **12%** | **13%** | **15%** | **15%** |

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| **Meghalaya - Stay Duration for Institutional Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries(Pub + Pvt)** | **18,195** | **29,185** | **31,564** | **38,449** | **41,266** | **32,060** |
| **Stay Duration less than 48 hrs** | **2470** | **11747** | **11044** | **17198** | **17809** | **12862** |
| **Meghalaya - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **14%** | **40%** | **35%** | **45%** | **43%** | **40%** |

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| **Meghalaya - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **195** | **367** | **453** | **597** | **303** | **370** |
| **MTP - More than 12 weeks of pregnancy** | **21** | **32** | **24** | **53** | **34** | **26** |
| **Total MTP in Public Facilities** | **216** | **399** | **477** | **650** | **337** | **396** |
| **Number of MTPs conducted at Private Facilities** | **0** | **7** | **0** | **2** | **1** | **0** |
| **Abortions ( Induced/Spontaneous)** | **1735** | **2131** | **2347** | **3272** | **3922** | **2629** |

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| **Meghalaya - Post Natal Check Up**  |
|  **Post Natal Check Up** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **% Women receiving post partum check-up within 48 hours after delivery against total deliveries** | **18%** | **36%** | **47%** | **50%** | **50%** | **54%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **23%** | **34%** | **36%** | **37%** | **39%** | **39%** |

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| **Meghalaya- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **32,607** | **37,102** | **38,919** | **39,652** | **39,435** | **29,180** |
| **JSY Paid to mothers for Home Deliveries** | **2120** | **5195** | **4482** | **5168** | **3882** | **2387** |
| **Meghalaya - JSY paid to mothers -%age of Reported Home deliveries** | **7%** | **14%** | **12%** | **13%** | **10%** | **8%** |
| **Institutional Deliveries(Pub)** | **16,883** | **21,672** | **24,042** | **28,994** | **31,458** | **24,011** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **3003** | **9003** | **11265** | **14457** | **15084** | **11096** |
| **Meghalaya - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **18%** | **42%** | **47%** | **50%** | **48%** | **46%** |
| **Institutional Deliveries(Pvt)** | **1,312** | **7,513** | **7,522** | **9,455** | **9,808** | **8,049** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **206** | **458** | **1353** | **1803** | **1387** | **1367** |
| **Meghalaya - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **16%** | **6%** | **18%** | **19%** | **14%** | **17%** |

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| **Meghalaya - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **69,815** | **69,480** | **71,706** | **71,433** | **73,420** | **75,463** |
| **Reported Live Births** | **57146** | **66133** | **70183** | **76672** | **79043** | **60238** |
| **Meghalaya - %ge Reported Live Births against Estimated Live Births** | **82%** | **95%** | **98%** | **107%** | **108%** | **80%** |
| **Newborns Weighed** | 34,528 | 45,079 | 49,414 | 60,994 | 65,266 | 51,046 |
| **Meghalaya - %ge Newborns weighed against Reported Live Births** | **60%** | **68%** | **70%** | **80%** | **83%** | **85%** |
| **Newborns Weighed Less than 2.5kgs** | 3,847 | 5,269 | 5,462 | 5,926 | 5,758 | 4,457 |
| **Meghalaya - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **7%** | **8%** | **8%** | **8%** | **7%** | **7%** |
| **Newborns Breastfed within 1 hr of Birth** | 8,888 | 46,379 | 51,876 | 61,438 | 67,102 | 48,100 |
| **Meghalaya - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **16%** | **70%** | **74%** | **80%** | **85%** | **80%** |
| **Still Births** | 1492 | 1448 | 1681 | 2002 | 1912 | 1432 |
| **Abortions - Spontaneous/Induced** | 1735 | 2131 | 2347 | 3272 | 3922 | 2629 |

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| **Meghalaya - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **69,815** | **69,480** | **71,706** | **71,433** | **73,420** | **75,463** |
| **Measles Given ( 0 -11 mnth)** | **45182** | **54405** | **63191** | **62851** | **69499** | **53293** |
| **Fully Immunised ( 0 -11 mnth)** | **55193** | **52447** | **57891** | **58630** | **64855** | **50250** |
| **Meghalaya- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **79%** | **75%** | **81%** | **82%** | **88%** | **67%** |
| **Reported Live Births** | 57,146 | 66,133 | 70,183 | 76,672 | 79,043 | 60,238 |
| **Meghalaya- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **97%** | **79%** | **82%** | **76%** | **82%** | **83%** |
| **Deaths Due to Immunisation** | 1 | 0 | 12 | 33 | 0 | 4 |
| **Meghalaya - BCG to Measels Drop out Rate**  | **30%** | **29%** | **21%** | **24%** | **18%** | **17%** |

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| **Meghalaya - VHND & Immunisation Sessions**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Required numbers of VHNDs per thousand population in 12 mnths** | **33,245** | **17,085** | **17,561** | **17,784** | **18,279** | **18,787** |
| **Immunisation Sessions held as percentage of required VHNDs** | **39%** | **277%** | **317%** | **335%** | **333%** | **256%** |
|  **% Sessions where ASHAs were present** | **69%** | **78%** | **77%** | **75%** | **75%** | **74%** |

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| **Meghalaya - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  9  |  3  |  14  |  56  |  18  |  11  |
| **Female Sterilisations** |  1,924  |  1,794  |  2,016  |  2,941  |  2,765  |  1,956  |
| **IUD** |  1,130  |  2,591  |  3,917  |  4,678  |  4,795  |  3,324  |
| **OCP Users ( OCP Cycles/13)** |  3,416  |  4,842  |  5,633  |  6,038  |  5,126  |  4,537  |
| **Condom Users ( Condom Pieces/72 )** |  2,686  |  3,555  |  4,015  |  4,730  |  4,848  |  4,563  |
| **Total FP method Users** |  9,165  |  12,784  |  15,595  |  18,443  |  17,551  |  14,392  |
| **% Of FP users Using Limiting Methods** | **21.09%** | **14.06%** | **13.02%** | **16.25%** | **15.86%** | **13.67%** |
| **% Of FP users Using Spacing Methods** | **78.91%** | **85.94%** | **86.98%** | **83.75%** | **84.14%** | **86.33%** |

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| **Meghalaya- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **2,770,452** | **2,847,536** | **2,926,765** | **2,964,007** | **3,046,477** | **3,131,242** |
| **Total OPD** | 413,350 | 2,514,500 | 2,756,942 | 3,191,596 | 3,316,400 | 2,571,344 |
| **Total IPD** | 22,924 | 144,523 | 155,502 | 192,340 | 200,356 | 168,363 |
| **OPD per 1000 population** | **149.20** | **883.04** | **941.98** | **1076.78** | **1088.60** | **821.19** |
| **IPD per 1000 population** | 8.27 | 50.75 | 53.13 | 64.89 | 65.77 | 53.77 |
| **Operation Major( General and Spinal Anaesthesia)** | 856.00 | 20,634 | 8,630 | 11,086 | 11,924 | 9,940 |
| **Operation Major per 100000 population** | **30.90** | **724.63** | **294.86** | **374.02** | **391.40** | **317.45** |
| **Operation Minor( No or local Anaesthesia)** | 606 | 4,030 | 7,237 | 10,656 | 12,326 | 12,710 |
| **Operation Minor as % of OPD** | **0.15%** | **0.16%** | **0.26%** | **0.33%** | **0.37%** | **0.49%** |
| **AYUSH** | 5,131 | 96,717 | 117,929 | 177,173 | 216,840 | 202,265 |
| **Ayush as % of OPD** | **1.2%** | **3.8%** | **4.3%** | **5.6%** | **6.5%** | **7.9%** |
| **Dental Procedures** | 2,813 | 27,351 | 29,807 | 38,921 | 40,150 | 56,086 |
| **Dental Procedures as % of OPD** | **0.68%** | **1.09%** | **1.08%** | **1.22%** | **1.21%** | **2.18%** |
| **Adolescent Counselling** | 32 | 2,673 | 9,437 | 4,961 | 4,984 | 7,091 |
| **Adolescent Counselling as % of OPD** | **0.01%** | **0.11%** | **0.34%** | **0.16%** | **0.15%** | **0.28%** |

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| **Meghalaya - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** |  **2,770,452**  |  **2,847,536**  |  **2,926,765**  |  **2,964,007**  |  **3,046,477**  |  **3,131,242**  |
| **Diphtheria**  | **9** | **9** | **6** | **0** | **0** | **0** |
| **Pertussis**  | **7** | **4** | **9** | **15** | **2** | **25** |
| **Tetanus Neonatorum** | **7** | **1** | **2** | **0** | **0** | **10** |
| **Tetanus others** | **1** | **1** | **4** | **1** | **1** | **3** |
| **Polio** | **10** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **1971** | **2110** | **1046** | **1173** | **535** | **493** |
| **Diarrhoea and dehydration** | **74451** | **86027** | **102588** | **107479** | **104605** | **70634** |
| **Malaria** | **25493** | **20267** | **9841** | **6110** | **4882** | **4404** |
| **Number admitted with Respiratory Infections** | **75612** | **10060** | **9146** | **5708** | **8228** | **5253** |

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| **Meghalaya -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** |  14,293  |  89,975  |  127,693  |  187,545  |  216,641  |  215,718  |
| **HB Tested as %age of OPD** | **2359%** | **2233%** | **1764%** | **1760%** | **1758%** | **1697%** |
| **HB <7 gm as %age of HB tested** | **7.95%** | **6.84%** | **6.19%** | **5.16%** | **4.26%** | **4.33%** |
| **Total HIV tested** |  341  |  2,322  |  3,457  |  6,020  |  6,637  |  8,106  |
| **HIV Tested as %age of OPD** | **56%** | **58%** | **48%** | **56%** | **54%** | **64%** |
| **HIV Tested positive as %age of HIV tested** | 90% | 65% | 53% | 41% | 61% | 56% |
| **Total VDRL Tested** |  2,360  |  14,453  |  20,963  |  32,739  |  47,604  |  43,072  |
| **VDRL Tested as %age of OPD** | **389.4%** | **358.6%** | **289.7%** | **307.2%** | **386.2%** | **338.9%** |
| **Total Widal Test Conducted** | 782 | 12134 | 13412 | 22426 | 27801 | 26724 |
| **Widal Test Conducted as %age of OPD** | **129.0%** | **301.1%** | **185.3%** | **210.5%** | **225.5%** | **210.3%** |
| **Blood Smear Examined** |  30,784  |  313,725  |  422,395  |  297,454  |  288,865  |  246,437  |
| **Blood Smear Examined as %age of population** | **1%** | **11%** | **14%** | **10%** | **9%** | **8%** |
| **Meghalaya - Infant Deaths upto 5 yrs**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Infant deaths within 24 hrs of Birth** | **108** | **246** | **428** | **323** | **441** | **300** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **326** | **640** | **755** | **460** | **639** | **513** |
| **Infant deaths between 1 month to11months of Birth** | **306** | **878** | **891** | **702** | **1120** | **783** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **331** | **999** | **755** | **446** | **430** | **353** |
| **Total** | **1071** | **2763** | **2829** | **1931** | **2630** | **1949** |

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| **Meghalaya - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **1** | **2** | **4** | **3** | **0** | **2** |
| **Obstructed/prolonged Labour** | **2** | **15** | **19** | **25** | **29** | **16** |
| **Severe Hypertension/Fits** | **0** | **6** | **9** | **24** | **16** | **9** |
| **Bleeding** | **4** | **26** | **35** | **43** | **47** | **46** |
| **High Fever** | **1** | **13** | **3** | **20** | **20** | **12** |
| **Other Causes** | **7** | **74** | **83** | **109** | **120** | **102** |
| **Total deaths** | **15** | **136** | **153** | **224** | **232** | **187** |

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| **Meghalaya - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **14** | **127** | **69** | **70** | **72** | **86** |
| **Tuberculosis** | **14** | **126** | **200** | **194** | **223** | **169** |
| **Respiratory Diseases(Other than TB)** | **26** | **206** | **208** | **182** | **240** | **236** |
| **Malaria**  | **21** | **270** | **136** | **75** | **97** | **95** |
| **Other fever Related** | **89** | **717** | **637** | **412** | **461** | **462** |
| **HIV/AIDS** | **0** | **0** | **6** | **3** | **1** | **3** |
| **Heart Disease/ Hypertension related**  | **38** | **167** | **238** | **263** | **374** | **376** |
| **Neurological Disease including strokes**  | **17** | **134** | **227** | **306** | **339** | **332** |
| **Trauma/Accidents/ Burn Cases** | **48** | **149** | **245** | **302** | **335** | **303** |
| **Suicide**  | **9** | **53** | **62** | **75** | **110** | **101** |
| **Animal Bites & Stings**  | **0** | **18** | **21** | **21** | **29** | **18** |
| **Known Acute Disease**  | **44** | **182** | **361** | **333** | **346** | **378** |
| **Known Chronic Disease**  | **90** | **672** | **910** | **1260** | **1692** | **1510** |
| **Causes not known**  | **288** | **2706** | **2536** | **2324** | **3191** | **2693** |
|  **Total Deaths**  | **698** | **5527** | **5856** | **5820** | **7510** | **6762** |