HMIS Trend Analysis - Uttarakhand

***2008 - 09 to Apr’13 to Dec’13***

Dr. Sandhya Ahuja

3/4/2014

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| **Uttarakhand- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **217,570** | **217,009** | **216,360** | **214,113** | **213,390** | **217,480** |
| **Reported ANC Registration** | **243,301** | **226,481** | **203,131** | **214,877** | **196,323** | **159,850** |
| **Uttarakhand- % ANC Registration against expected pregnancies**  | **112%** | **104%** | **94%** | **100%** | **92%** | **74%** |

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| **Uttarakhand- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **243,301** | **226,481** | **203,131** | **214,877** | **196,323** | **159,850** |
| **ANC registered within first trimester** | **117,168** | **116,497** | **109,829** | **121,234** | **103,429** | **83,126** |
| **Uttarakhand- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **48%** | **51%** | **54%** | **56%** | **53%** | **52%** |
| **New women registered under JSY** | **74,037** | **153,127** | **164,996** | **187,780** | **185,102** | **153,891** |
| **Uttarakhand- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **30%** | **68%** | **81%** | **87%** | **94%** | **96%** |
| **Number of pregnant women received 3 ANC check ups** | **178,273** | **170,389** | **152,838** | **164,707** | **140,242** | **122,068** |
| **Uttarakhand- % 3 ANC Check ups against Reported ANC Registration**  | **73%** | **75%** | **75%** | **77%** | **71%** | **76%** |
| **TT1** | **215,792** | **199,851** | **182,000** | **193,323** | **175,753** | **137,931** |
| **Uttarakhand- % TT1 against ANC Registration**  | **89%** | **88%** | **90%** | **90%** | **90%** | **86%** |
| **TT2 or Booster** | **209,578** | **194,789** | **179,278** | **190,337** | **162,219** | **141,972** |
| **Uttarakhand- % TT2 against Reported ANC Registration**  | **86%** | **86%** | **88%** | **89%** | **83%** | **89%** |
| **Total number of pregnant women given 100 IFA tablets** | **69,158** | **205,734** | **179,231** | **86,650** | **108,451** | **136,673** |
| **Uttarakhand- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **28%** | **91%** | **88%** | **40%** | **55%** | **86%** |

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| **Uttarakhand - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **243,301** | **226,481** | **203,131** | **214,877** | **196,323** | **159,850** |
| **New cases of BP detected at institution** | **6100** | **10714** | **8669** | **8571** | **11186** | **7205** |
| **Uttarakhand - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **2.5%** | **4.7%** | **4.3%** | **4.0%** | **6%** | **5%** |
| **Number of Eclampsia cases managed during delivery** | **737** | **1026** | **282** | **222** | **201** | **144** |
| **Uttarakhand - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.30%** | **0.45%** | **0.14%** | **0.10%** | **0.10%** | **0.09%** |
| **Number having Hb level<11 (tested cases)** | **20003** | **37524** | **26775** | **48783** | **65925** | **64064** |
| **Uttarakhand - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **8.2%** | **16.6%** | **13.2%** | **22.7%** | **34%** | **40%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **5074** | **4224** | **3998** | **3767** | **4013** | **3554** |
| **Uttarakhand - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **2.1%** | **1.9%** | **2.0%** | **1.8%** | **2%** | **2%** |

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| **Uttarakhand - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **197,791** | **197,281** | **196,691** | **194,648** | **193,990** | **197,709** |
| **Home SBA** | **45,789** | **27,542** | **28,290** | **26,478** | **21,858** | **14,494** |
| **Home Non SBA** | **31,175** | **26,433** | **25,188** | **25,925** | **21,528** | **15,899** |
| **Total Home Deliveries** | **76,964** | **53,975** | **53,478** | **52,403** | **43,386** | **30,393** |
| **Uttarakhand- % Home Deliveries against expected Deliveries**  | 39% | 27% | 27% | 27% | 22% | 15% |
| **Institutional (Pub)** | **50,713** | **77,961** | **76,624** | **77,927** | **85,023** | **68,636** |
| **Institutional (Pvt)** | **4,112** | **1,289** | **9,081** | **9,010** | **24,398** | **18,817** |
| **Total Institutional Deliveries** | **54,825** | **79,250** | **85,705** | **86,937** | **109,421** | **87,453** |
| **Uttarakhand - % Institutional Deliveries against expected Deliveries**  | 28% | 40% | 44% | 45% | 56% | 44% |
| **Total Reported Deliveries** | **131,789** | **133,225** | **139,183** | **139,340** | **152,807** | **117,846** |
| **Uttarakhand - % Unreported Deliveries against expected Deliveries**  | 33% | 32% | 29% | 28% | 21% | 40% |

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| **Uttarakhand -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Uttarakhand- % Home Deliveries(SBA) against Reported Deliveries** | 35% | 21% | 20% | 19% | 14% | 12% |
| **Uttarakhand- % Home Deliveries(Non SBA) against Reported Deliveries** | 24% | 20% | 18% | 19% | 14% | 13% |
| **Uttarakhand- % Institutional Deliveries against Reported Deliveries** | 42% | 59% | 62% | 62% | 72% | 74% |

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| **Uttarakhand - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** | **54,825** | **79,250** | **85,705** | **86,937** | **109,421** | **87,453** |
| **C- Section Deliveries (Pub)** | **3017** | **4504** | **5082** | **5363** | **7050** | **6854** |
| **C- Section Deliveries (Pvt)** | **839** | **59** | **0** | **830** | **3333** | **3161** |
| **Total C- Section Deliveries (Pub & Pvt)** | **3856** | **4563** | **5082** | **6193** | **10383** | **10015** |
| **Uttarakhand - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **7%** | **6%** | **6%** | **7%** | **9%** | **11%** |

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| **Uttarakhand - 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)** | **54,825** | **79,250** | **85,705** | **86,937** | **109,421** | **87,453** |
| **Stay Duration less than 48 hrs** | **31339** | **54749** | **55427** | **61662** | **74649** | **43359** |
| **Uttarakhand - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **57%** | **69%** | **65%** | **71%** | **68%** | **50%** |

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| **Uttarakhand - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **9218** | **8205** | **7529** | **6939** | **6545** | **5467** |
| **MTP - More than 12 weeks of pregnancy** | **1674** | **335** | **771** | **427** | **178** | **165** |
| **Total MTP in Public Facilities** | **10892** | **8540** | **8300** | **7366** | **6723** | **5632** |
| **Number of MTPs conducted at Private Facilities** | **155** | **113** | **16** | **7** | **0** | **294** |
| **Abortions ( Induced/Spontaneous)** | **5362** | **3587** | **3987** | **5544** | **6036** | **7321** |

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| **Uttarakhand - 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** | **58%** | **68%** | **60%** | **75%** | **70%** | **79%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **55%** | **50%** | **41%** | **50%** | **46%** | **53%** |

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| **Uttarakhand- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **76,964** | **53,975** | **53,478** | **52,403** | **43,386** | **30,393** |
| **JSY Paid to mothers for Home Deliveries** | **3645** | **4676** | **2660** | **2953** | **3012** | **3143** |
| **Uttarakhand - JSY paid to mothers -%age of Reported Home deliveries** | **5%** | **9%** | **5%** | **6%** | **7%** | **10%** |
| **Institutional Deliveries(Pub)** | **50,713** | **77,961** | **76,624** | **77,927** | **85,023** | **68,636** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **39117** | **56814** | **60320** | **71227** | **83219** | **65404** |
| **Uttarakhand - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **77%** | **73%** | **79%** | **91%** | **98%** | **95%** |
| **Institutional Deliveries(Pvt)** | **4,112** | **1,289** | **9,081** | **9,010** | **24,398** | **18,817** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **842** | **658** | **521** | **0** | **0** | **0** |
| **Uttarakhand - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **20%** | **51%** | **6%** | **0%** | **0%** | **0%** |

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| **Uttarakhand - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **193,533** | **193,318** | **193,024** | **191,207** | **190,748** | **194,404** |
| **Reported Live Births** | **110665** | **133233** | **134643** | **138700** | **151075** | **117339** |
| **Uttarakhand - %ge Reported Live Births against Estimated Live Births** | **57%** | **69%** | **70%** | **73%** | **79%** | **60%** |
| **Newborns Weighed** | 70,181 | 105,135 | 111,022 | 120,715 | 132,756 | 107,413 |
| **Uttarakhand - %ge Newborns weighed against Reported Live Births** | **63%** | **79%** | **82%** | **87%** | **88%** | **92%** |
| **Newborns Weighed Less than 2.5kgs** | 24,363 | 21,303 | 13,822 | 12,137 | 11,530 | 11,024 |
| **Uttarakhand - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **22%** | **16%** | **10%** | **9%** | **8%** | **9%** |
| **Newborns Breastfed within 1 hr of Birth** | 28,251 | 88,117 | 104,267 | 119,386 | 127,567 | 103,107 |
| **Uttarakhand - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **26%** | **66%** | **77%** | **86%** | **84%** | **88%** |
| **Still Births** | 2579 | 1988 | 1437 | 2127 | 2130 | 1929 |
| **Abortions - Spontaneous/Induced** | 5362 | 3587 | 3987 | 5544 | 6036 | 7321 |

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| **Uttarakhand - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **193,533** | **193,318** | **193,024** | **191,207** | **190,748** | **194,404** |
| **Measles Given ( 0 -11 mnth)** | **171828** | **181577** | **172996** | **177208** | **167464** | **133277** |
| **Fully Immunised ( 0 -11 mnth)** | **208407** | **208272** | **170491** | **168823** | **161211** | **128158** |
| **Uttarakhand- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **108%** | **108%** | **88%** | **88%** | **85%** | **66%** |
| **Reported Live Births** | 110,665 | 133,233 | 134,643 | 138,700 | 151,075 | 117,339 |
| **Uttarakhand- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **188%** | **156%** | **127%** | **122%** | **107%** | **109%** |
| **Deaths Due to Immunisation** | 3 | 2 | 69 | 17 | 2 | 0 |
| **Uttarakhand - BCG to Measels Drop out Rate**  | **15%** | **9%** | **8%** | **9%** | **7%** | **4%** |

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| **Uttarakhand - 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** | **115,542** | **58,879** | **60,007** | **60,701** | **61,864** | **63,050** |
| **Immunisation Sessions held as percentage of required VHNDs** | **50%** | **124%** | **123%** | **165%** | **143%** | **141%** |
|  **% Sessions where ASHAs were present** | **72%** | **90%** | **86%** | **90%** | **90%** | **90%** |

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| **Uttarakhand - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  3,868  |  3,003  |  3,771  |  2,542  |  1,759  |  844  |
| **Female Sterilisations** |  29,554  |  21,459  |  29,247  |  23,428  |  23,337  |  14,847  |
| **IUD** |  81,338  |  98,306  |  116,640  |  124,424  |  98,511  |  65,660  |
| **OCP Users ( OCP Cycles/13)** |  46,323  |  46,790  |  33,741  |  44,569  |  23,856  |  16,879  |
| **Condom Users ( Condom Pieces/72 )** |  96,181  |  79,145  |  57,407  |  84,482  |  87,645  |  55,739  |
| **Total FP method Users** |  257,263  |  248,703  |  240,806  |  279,445  |  235,108  |  153,970  |
| **% Of FP users Using Limiting Methods** | **12.99%** | **9.84%** | **13.71%** | **9.29%** | **10.67%** | **10.19%** |
| **% Of FP users Using Spacing Methods** | **87.01%** | **90.16%** | **86.29%** | **90.71%** | **89.33%** | **89.81%** |

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| **Uttarakhand- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **9,628,531** | **9,813,109** | **10,001,226** | **10,116,752** | **10,310,690** | **10,508,345** |
| **Total OPD** | 2,397,359 | 4,230,975 | 5,184,029 | 6,391,621 | 6,622,721 | 5,542,423 |
| **Total IPD** | 105,913 | 213,764 | 255,096 | 283,544 | 304,227 | 282,662 |
| **OPD per 1000 population** | **248.98** | **431.16** | **518.34** | **631.79** | **642.32** | **527.43** |
| **IPD per 1000 population** | 11.00 | 21.78 | 25.51 | 28.03 | 29.51 | 26.90 |
| **Operation Major( General and Spinal Anaesthesia)** | 7857.00 | 16,606 | 20,886 | 19,456 | 25,226 | 17,155 |
| **Operation Major per 100000 population** | **81.60** | **169.22** | **208.83** | **192.31** | **244.66** | **163.25** |
| **Operation Minor( No or local Anaesthesia)** | 10,266 | 16,031 | 22,510 | 25,709 | 27,953 | 20,682 |
| **Operation Minor as % of OPD** | **0.43%** | **0.38%** | **0.43%** | **0.40%** | **0.42%** | **0.37%** |
| **AYUSH** | 14,807 | 190,204 | 361,797 | 510,860 | 533,268 | 443,237 |
| **Ayush as % of OPD** | **0.6%** | **4.5%** | **7.0%** | **8.0%** | **8.1%** | **8.0%** |
| **Dental Procedures** | 14,824 | 73,160 | 104,277 | 113,905 | 123,650 | 113,775 |
| **Dental Procedures as % of OPD** | **0.62%** | **1.73%** | **2.01%** | **1.78%** | **1.87%** | **2.05%** |
| **Adolescent Counselling** | 764 | 5,991 | 10,302 | 19,882 | 20,603 | 18,599 |
| **Adolescent Counselling as % of OPD** | **0.03%** | **0.14%** | **0.20%** | **0.31%** | **0.31%** | **0.34%** |

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| **Uttarakhand - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** | **9,628,531** | **9,813,109** | **10,001,226** | **10,116,752** | **10,310,690** | **10,508,345** |
| **Diphtheria**  | **431** | **43** | **71** | **20** | **0** | **0** |
| **Pertussis**  | **66** | **0** | **0** | **2** | **0** | **0** |
| **Tetanus Neonatorum** | **91** | **1** | **1** | **3** | **2** | **0** |
| **Tetanus others** | **185** | **7** | **9** | **2** | **0** | **0** |
| **Polio** | **11** | **1** | **0** | **0** | **0** | **0** |
| **Measles** | **745** | **680** | **893** | **770** | **579** | **120** |
| **Diarrhoea and dehydration** | **30959** | **43310** | **37626** | **23656** | **31912** | **36590** |
| **Malaria** | **1541** | **1074** | **2447** | **327** | **342** | **405** |
| **Number admitted with Respiratory Infections** | **28426** | **11955** | **11101** | **6523** | **5218** | **4099** |

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| **Uttarakhand -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** |  98,761  |  173,914  |  208,102  |  267,489  |  352,390  |  263,207  |
| **HB Tested as %age of OPD** | **962%** | **1085%** | **924%** | **1040%** | **1261%** | **1273%** |
| **HB <7 gm as %age of HB tested** | **34.23%** | **13.96%** | **5.18%** | **5.36%** | **4.70%** | **4.90%** |
| **Total HIV tested** |  9,567  |  13,929  |  17,312  |  27,952  |  34,352  |  29,907  |
| **HIV Tested as %age of OPD** | **93%** | **87%** | **77%** | **109%** | **123%** | **145%** |
| **HIV Tested positive as %age of HIV tested** | 53% | 52% | 29% | 18% | 24% | 12% |
| **Total VDRL Tested** |  18,707  |  33,184  |  36,555  |  56,263  |  77,548  |  52,743  |
| **VDRL Tested as %age of OPD** | **182.2%** | **207.0%** | **162.4%** | **218.8%** | **277.4%** | **255.0%** |
| **Total Widal Test Conducted** | 13872 | 28897 | 41726 | 47690 | 64026 | 47413 |
| **Widal Test Conducted as %age of OPD** | **135.1%** | **180.3%** | **185.4%** | **185.5%** | **229.0%** | **229.2%** |
| **Blood Smear Examined** |  62,745  |  75,832  |  77,471  |  83,037  |  97,919  |  75,929  |
| **Blood Smear Examined as %age of population** | **1%** | **1%** | **1%** | **1%** | **1%** | **1%** |
| **Uttarakhand - 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** | **21** | **82** | **59** | **37** | **20** | **15** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **69** | **149** | **173** | **75** | **25** | **215** |
| **Infant deaths between 1 month to11months of Birth** | **67** | **69** | **50** | **30** | **27** | **33** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **45** | **331** | **53** | **46** | **16** | **7** |
| **Total** | **202** | **631** | **335** | **188** | **88** | **270** |

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| **Uttarakhand - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **9** | **37** | **1** | **0** | **0** | **0** |
| **Obstructed/prolonged Labour** | **1** | **6** | **2** | **0** | **0** | **0** |
| **Severe Hypertension/Fits** | **0** | **21** | **2** | **3** | **2** | **10** |
| **Bleeding** | **15** | **23** | **14** | **1** | **5** | **3** |
| **High Fever** | **1** | **30** | **1** | **4** | **4** | **6** |
| **Other Causes** | **8** | **95** | **6** | **9** | **11** | **17** |
| **Total deaths** | **34** | **212** | **26** | **17** | **22** | **36** |

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| **Uttarakhand - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **89** | **69** | **21** | **5** | **5** | **15** |
| **Tuberculosis** | **6** | **58** | **83** | **14** | **28** | **56** |
| **Respiratory Diseases(Other than TB)** | **8** | **211** | **238** | **59** | **127** | **266** |
| **Malaria**  | **3** | **6** | **4** | **0** | **0** | **3** |
| **Other fever Related** | **5** | **91** | **107** | **39** | **34** | **59** |
| **HIV/AIDS** | **1** | **19** | **17** | **0** | **2** | **4** |
| **Heart Disease/ Hypertension related**  | **27** | **145** | **166** | **92** | **193** | **207** |
| **Neurological Disease including strokes**  | **4** | **32** | **120** | **48** | **53** | **131** |
| **Trauma/Accidents/ Burn Cases** | **302** | **196** | **274** | **111** | **137** | **196** |
| **Suicide**  | **3** | **16** | **58** | **39** | **33** | **61** |
| **Animal Bites & Stings**  | **43** | **19** | **34** | **3** | **8** | **17** |
| **Known Acute Disease**  | **14** | **92** | **168** | **23** | **108** | **182** |
| **Known Chronic Disease**  | **43** | **98** | **323** | **129** | **201** | **305** |
| **Causes not known**  | **91** | **738** | **604** | **228** | **345** | **452** |
|  **Total Deaths**  | **639** | **1790** | **2217** | **790** | **1274** | **1954** |