HMIS Trend Analysis - Gujarat

***2008 - 09 to Apr’13 to Dec’13***

Dr. Sandhya Ahuja

3/4/2014

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| **Gujarat- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **1,464,418** | **1,471,239** | **1,462,957** | **1,443,792** | **1,455,507** | **1,483,406** |
| **Reported ANC Registration** | **1,329,382** | **1,425,228** | **1,380,710** | **1,383,654** | **1,410,849** | **1,143,026** |
| **Gujarat- % ANC Registration against expected pregnancies**  | **91%** | **97%** | **94%** | **96%** | **97%** | **77%** |

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| **Gujarat- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **1,329,382** | **1,425,228** | **1,380,710** | **1,383,654** | **1,410,849** | **1,143,026** |
| **ANC registered within first trimester** | **784,199** | **854,151** | **912,458** | **979,551** | **1,028,614** | **802,623** |
| **Gujarat- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **59%** | **60%** | **66%** | **71%** | **73%** | **70%** |
| **New women registered under JSY** | **241,026** | **399,010** | **385,855** | **383,384** | **382,480** | **319,860** |
| **Gujarat- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **18%** | **28%** | **28%** | **28%** | **27%** | **28%** |
| **Number of pregnant women received 3 ANC check ups** | **951,409** | **1,062,285** | **1,008,208** | **1,034,444** | **1,053,900** | **848,091** |
| **Gujarat- % 3 ANC Check ups against Reported ANC Registration**  | **72%** | **75%** | **73%** | **75%** | **75%** | **74%** |
| **TT1** | **922,195** | **1,030,986** | **993,213** | **1,034,625** | **1,045,282** | **780,465** |
| **Gujarat- % TT1 against ANC Registration**  | **69%** | **72%** | **72%** | **75%** | **74%** | **68%** |
| **TT2 or Booster** | **1,189,039** | **1,210,039** | **1,237,438** | **1,272,538** | **1,268,654** | **936,041** |
| **Gujarat- % TT2 against Reported ANC Registration**  | **89%** | **85%** | **90%** | **92%** | **90%** | **82%** |
| **Total number of pregnant women given 100 IFA tablets** | **437,248** | **1,177,190** | **1,144,740** | **1,068,983** | **1,119,578** | **946,891** |
| **Gujarat- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **33%** | **83%** | **83%** | **77%** | **79%** | **83%** |

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| **Gujarat - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **1,329,382** | **1,425,228** | **1,380,710** | **1,383,654** | **1,410,849** | **1,143,026** |
| **New cases of BP detected at institution** | **0** | **52505** | **30344** | **23666** | **28746** | **27383** |
| **Gujarat - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **0.0%** | **3.7%** | **2.2%** | **1.7%** | **2%** | **2%** |
| **Number of Eclampsia cases managed during delivery** | **0** | **2999** | **2619** | **1921** | **2673** | **2157** |
| **Gujarat - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.00%** | **0.21%** | **0.19%** | **0.14%** | **0.19%** | **0.19%** |
| **Number having Hb level<11 (tested cases)** | **388512** | **616030** | **612031** | **615758** | **656627** | **521150** |
| **Gujarat - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **29.2%** | **43.2%** | **44.3%** | **44.5%** | **47%** | **46%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **50184** | **40950** | **64002** | **56864** | **33129** | **14189** |
| **Gujarat - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **3.8%** | **2.9%** | **4.6%** | **4.1%** | **2%** | **1%** |

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| **Gujarat - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **1,331,289** | **1,337,490** | **1,329,961** | **1,312,538** | **1,323,188** | **1,348,551** |
| **Home SBA** | **73,131** | **37,088** | **28,857** | **21,293** | **18,348** | **14,247** |
| **Home Non SBA** | **101,957** | **76,215** | **68,530** | **55,021** | **39,089** | **18,224** |
| **Total Home Deliveries** | **175,088** | **113,303** | **97,387** | **76,314** | **57,437** | **32,471** |
| **Gujarat- % Home Deliveries against expected Deliveries**  | 13% | 8% | 7% | 6% | 4% | 2% |
| **Institutional (Pub)** | **262,620** | **288,549** | **320,210** | **316,017** | **433,515** | **343,975** |
| **Institutional (Pvt)** | **609,937** | **644,899** | **773,298** | **810,683** | **682,124** | **465,322** |
| **Total Institutional Deliveries** | **872,557** | **933,448** | **1,093,508** | **1,126,700** | **1,115,639** | **809,297** |
| **Gujarat - % Institutional Deliveries against expected Deliveries**  | 66% | 70% | 82% | 86% | 84% | 60% |
| **Total Reported Deliveries** | **1,047,645** | **1,046,751** | **1,190,895** | **1,203,014** | **1,173,076** | **841,768** |
| **Gujarat - % Unreported Deliveries against expected Deliveries**  | 21% | 22% | 10% | 8% | 11% | 38% |

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| **Gujarat -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Gujarat- % Home Deliveries(SBA) against Reported Deliveries** | 7% | 4% | 2% | 2% | 2% | 2% |
| **Gujarat- % Home Deliveries(Non SBA) against Reported Deliveries** | 10% | 7% | 6% | 5% | 3% | 2% |
| **Gujarat- % Institutional Deliveries against Reported Deliveries** | 83% | 89% | 92% | 94% | 95% | 96% |

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| **Gujarat - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** | **872,557** | **933,448** | **1,093,508** | **1,126,700** | **1,115,639** | **809,297** |
| **C- Section Deliveries (Pub)** | **19221** | **17224** | **18761** | **20113** | **27395** | **32689** |
| **C- Section Deliveries (Pvt)** | **16839** | **24836** | **42322** | **54186** | **46525** | **30130** |
| **Total C- Section Deliveries (Pub & Pvt)** | **36060** | **42060** | **61083** | **74299** | **73920** | **62819** |
| **Gujarat - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **4%** | **5%** | **6%** | **7%** | **7%** | **8%** |

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| **Gujarat - 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)** | **872,557** | **933,448** | **1,093,508** | **1,126,700** | **1,115,639** | **809,297** |
| **Stay Duration less than 48 hrs** | **20856** | **282189** | **223781** | **221119** | **374191** | **481706** |
| **Gujarat - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **2%** | **30%** | **20%** | **20%** | **34%** | **60%** |

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| **Gujarat - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **12760** | **9809** | **7644** | **9138** | **8231** | **7006** |
| **MTP - More than 12 weeks of pregnancy** | **1345** | **2534** | **1372** | **2021** | **2775** | **1556** |
| **Total MTP in Public Facilities** | **14105** | **12343** | **9016** | **11159** | **11006** | **8562** |
| **Number of MTPs conducted at Private Facilities** | **826** | **17384** | **9186** | **10704** | **9207** | **1503** |
| **Abortions ( Induced/Spontaneous)** | **19075** | **24180** | **25716** | **34752** | **31951** | **25959** |

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| **Gujarat - 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** | **75%** | **67%** | **68%** | **82%** | **84%** | **90%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **120%** | **64%** | **61%** | **69%** | **70%** | **69%** |

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| **Gujarat- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **175,088** | **113,303** | **97,387** | **76,314** | **57,437** | **32,471** |
| **JSY Paid to mothers for Home Deliveries** | **0** | **37148** | **29097** | **18214** | **15011** | **5430** |
| **Gujarat - JSY paid to mothers -%age of Reported Home deliveries** | **0%** | **33%** | **30%** | **24%** | **26%** | **17%** |
| **Institutional Deliveries(Pub)** | **262,620** | **288,549** | **320,210** | **316,017** | **433,515** | **343,975** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **189153** | **124011** | **130172** | **60948** | **106706** | **51855** |
| **Gujarat - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **72%** | **43%** | **41%** | **19%** | **25%** | **15%** |
| **Institutional Deliveries(Pvt)** | **609,937** | **644,899** | **773,298** | **810,683** | **682,124** | **465,322** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **0** | **84797** | **116002** | **60413** | **55974** | **8773** |
| **Gujarat - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **0%** | **13%** | **15%** | **7%** | **8%** | **2%** |

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| **Gujarat - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **1,298,818** | **1,306,143** | **1,301,332** | **1,286,171** | **1,298,516** | **1,323,406** |
| **Reported Live Births** | **1085068** | **1058764** | **1183538** | **1189806** | **1187067** | **881580** |
| **Gujarat - %ge Reported Live Births against Estimated Live Births** | **84%** | **81%** | **91%** | **93%** | **91%** | **67%** |
| **Newborns Weighed** | 664,239 | 1,002,511 | 1,100,828 | 1,139,313 | 1,129,944 | 849,740 |
| **Gujarat - %ge Newborns weighed against Reported Live Births** | **61%** | **95%** | **93%** | **96%** | **95%** | **96%** |
| **Newborns Weighed Less than 2.5kgs** | 135,012 | 121,164 | 117,028 | 110,207 | 108,825 | 87,819 |
| **Gujarat - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **12%** | **11%** | **10%** | **9%** | **9%** | **10%** |
| **Newborns Breastfed within 1 hr of Birth** | 1,016,267 | 966,876 | 1,032,627 | 1,067,278 | 1,065,741 | 792,250 |
| **Gujarat - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **94%** | **91%** | **87%** | **90%** | **90%** | **90%** |
| **Still Births** | 43634 | 20236 | 16460 | 17707 | 17970 | 14519 |
| **Abortions - Spontaneous/Induced** | 19075 | 24180 | 25716 | 34752 | 31951 | 25959 |

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| **Gujarat - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **1,298,818** | **1,306,143** | **1,301,332** | **1,286,171** | **1,298,516** | **1,323,406** |
| **Measles Given ( 0 -11 mnth)** | **1034547** | **1125872** | **1152288** | **1169770** | **1161889** | **857267** |
| **Fully Immunised ( 0 -11 mnth)** | **1001817** | **1108385** | **1132484** | **1150239** | **1155415** | **848045** |
| **Gujarat- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **77%** | **85%** | **87%** | **89%** | **89%** | **64%** |
| **Reported Live Births** | 1,085,068 | 1,058,764 | 1,183,538 | 1,189,806 | 1,187,067 | 881,580 |
| **Gujarat- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **92%** | **105%** | **96%** | **97%** | **97%** | **96%** |
| **Deaths Due to Immunisation** | 0 | 1 | 473 | 3 | 10 | 56 |
| **Gujarat - BCG to Measels Drop out Rate**  | **10%** | **5%** | **7%** | **4%** | **4%** | **8%** |

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| **Gujarat - 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** | **689,638** | **351,429** | **358,165** | **362,302** | **369,246** | **376,324** |
| **Immunisation Sessions held as percentage of required VHNDs** | **48%** | **110%** | **112%** | **117%** | **119%** | **92%** |
|  **% Sessions where ASHAs were present** | **0%** | **69%** | **77%** | **82%** | **85%** | **87%** |

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| **Gujarat - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  11,586  |  9,131  |  7,186  |  3,457  |  2,293  |  1,590  |
| **Female Sterilisations** |  308,929  |  296,938  |  314,463  |  321,026  |  275,781  |  140,145  |
| **IUD** |  583,644  |  568,444  |  598,444  |  596,335  |  573,834  |  397,385  |
| **OCP Users ( OCP Cycles/13)** |  270,409  |  258,751  |  231,823  |  190,466  |  165,398  |  106,900  |
| **Condom Users ( Condom Pieces/72 )** |  1,202,706  |  840,534  |  712,364  |  585,561  |  457,415  |  211,424  |
| **Total FP method Users** |  2,377,274  |  1,973,798  |  1,864,280  |  1,696,845  |  1,474,721  |  857,444  |
| **% Of FP users Using Limiting Methods** | **13.48%** | **15.51%** | **17.25%** | **19.12%** | **18.86%** | **16.53%** |
| **% Of FP users Using Spacing Methods** | **86.52%** | **84.49%** | **82.75%** | **80.88%** | **81.14%** | **83.47%** |

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| **Gujarat- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **57,469,845** | **58,571,426** | **59,694,122** | **60,383,628** | **61,541,060** | **62,720,678** |
| **Total OPD** | - | 18,031,260 | 14,479,159 | 13,343,843 | 16,349,438 | 20,198,050 |
| **Total IPD** | - | 876,870 | 821,292 | 763,433 | 1,146,809 | 1,471,041 |
| **OPD per 1000 population** | **0.00** | **307.85** | **242.56** | **220.98** | **265.67** | **322.03** |
| **IPD per 1000 population** | 0.00 | 14.97 | 13.76 | 12.64 | 18.63 | 23.45 |
| **Operation Major( General and Spinal Anaesthesia)** | 0.00 | 81,380 | 41,568 | 51,633 | 55,909 | 87,915 |
| **Operation Major per 100000 population** | **0.00** | **138.94** | **69.63** | **85.51** | **90.85** | **140.17** |
| **Operation Minor( No or local Anaesthesia)** | - | 85,320 | 96,215 | 70,249 | 91,741 | 86,143 |
| **Operation Minor as % of OPD** | **#DIV/0!** | **0.47%** | **0.66%** | **0.53%** | **0.56%** | **0.43%** |
| **AYUSH** | - | 58,581 | 112,029 | 111,067 | 188,378 | 378,335 |
| **Ayush as % of OPD** | **#DIV/0!** | **0.3%** | **0.8%** | **0.8%** | **1.2%** | **1.9%** |
| **Dental Procedures** | - | 70,770 | 60,652 | 56,350 | 66,824 | 86,860 |
| **Dental Procedures as % of OPD** | **#DIV/0!** | **0.39%** | **0.42%** | **0.42%** | **0.41%** | **0.43%** |
| **Adolescent Counselling** | - | 18,567 | 39,573 | 72,834 | 90,696 | 38,594 |
| **Adolescent Counselling as % of OPD** | **#DIV/0!** | **0.10%** | **0.27%** | **0.55%** | **0.55%** | **0.19%** |

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| **Gujarat - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** |  **57,469,845**  |  **58,571,426**  |  **59,694,122**  |  **60,383,628**  |  **61,541,060**  |  **62,720,678**  |
| **Diphtheria**  | **105737** | **261** | **564** | **1460** | **307** | **526** |
| **Pertussis**  | **362** | **54** | **63** | **22** | **18** | **7** |
| **Tetanus Neonatorum** | **40957** | **60** | **7** | **679** | **203** | **0** |
| **Tetanus others** | **88** | **54** | **12** | **226** | **92** | **15** |
| **Polio** | **0** | **28** | **118** | **0** | **0** | **0** |
| **Measles** | **6441** | **8702** | **3427** | **1495** | **1965** | **2606** |
| **Diarrhoea and dehydration** | **495784** | **228717** | **171624** | **147644** | **191863** | **341852** |
| **Malaria** | **157819** | **36278** | **9956** | **13683** | **13584** | **18216** |
| **Number admitted with Respiratory Infections** | **434364** | **27554** | **27616** | **38754** | **30963** | **30150** |

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| **Gujarat -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** | 50,986 | 1,682,318 | 1,211,364 | 1,163,985 | 1,709,805 | 2,002,412 |
| **HB Tested as %age of OPD** | **#DIV/0!** | **1972%** | **1259%** | **1657%** | **1864%** | **2325%** |
| **HB <7 gm as %age of HB tested** | **4.56%** | **5.72%** | **6.00%** | **4.62%** | **4.06%** | **4.01%** |
| **Total HIV tested** | - | 132,949 | 161,800 | 165,785 | 216,445 | 254,030 |
| **HIV Tested as %age of OPD** | **#DIV/0!** | **156%** | **168%** | **236%** | **236%** | **295%** |
| **HIV Tested positive as %age of HIV tested** | #DIV/0! | 17% | 20% | 22% | 18% | 15% |
| **Total VDRL Tested** | - | 85,073 | 115,095 | 130,559 | 169,552 | 189,648 |
| **VDRL Tested as %age of OPD** | **#DIV/0!** | **99.7%** | **119.6%** | **185.9%** | **184.8%** | **220.2%** |
| **Total Widal Test Conducted** | 0 | 83217 | 65129 | 57751 | 86723 | 113383 |
| **Widal Test Conducted as %age of OPD** | **#DIV/0!** | **97.5%** | **67.7%** | **82.2%** | **94.5%** | **131.6%** |
| **Blood Smear Examined** | - | 1,149,351 | 4,137,919 | 3,992,509 | 3,937,370 | 4,401,612 |
| **Blood Smear Examined as %age of population** | **0%** | **2%** | **7%** | **7%** | **6%** | **7%** |
| **Gujarat - 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** | **213** | **4622** | **2451** | **3109** | **1727** | **162** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **13353** | **7393** | **11265** | **12795** | **10459** | **2728** |
| **Infant deaths between 1 month to11months of Birth** | **5933** | **2951** | **4897** | **4077** | **3138** | **787** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **4142** | **1781** | **2346** | **1622** | **1523** | **288** |
| **Total** | **23641** | **16747** | **20959** | **21603** | **16847** | **3965** |

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| **Gujarat - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **0** | **16** | **20** | **15** | **8** | **5** |
| **Obstructed/prolonged Labour** | **0** | **19** | **32** | **58** | **36** | **6** |
| **Severe Hypertension/Fits** | **0** | **56** | **50** | **47** | **49** | **15** |
| **Bleeding** | **0** | **150** | **114** | **159** | **95** | **30** |
| **High Fever** | **0** | **32** | **25** | **25** | **14** | **9** |
| **Other Causes** | **5229** | **306** | **409** | **389** | **333** | **191** |
| **Total deaths** | **5229** | **579** | **650** | **693** | **535** | **256** |

|  |
| --- |
| **Gujarat - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **0** | **457** | **684** | **469** | **221** | **63** |
| **Tuberculosis** | **0** | **1302** | **1113** | **1164** | **668** | **518** |
| **Respiratory Diseases(Other than TB)** | **0** | **2495** | **2336** | **2414** | **1699** | **1636** |
| **Malaria**  | **0** | **294** | **230** | **152** | **101** | **28** |
| **Other fever Related** | **0** | **2615** | **3988** | **3348** | **2163** | **397** |
| **HIV/AIDS** | **0** | **297** | **536** | **378** | **145** | **88** |
| **Heart Disease/ Hypertension related**  | **0** | **6388** | **5993** | **6013** | **4952** | **3272** |
| **Neurological Disease including strokes**  | **0** | **1465** | **1556** | **1572** | **1143** | **562** |
| **Trauma/Accidents/ Burn Cases** | **0** | **1603** | **1143** | **1186** | **1053** | **1333** |
| **Suicide**  | **0** | **1151** | **1119** | **1275** | **1036** | **923** |
| **Animal Bites & Stings**  | **0** | **289** | **309** | **274** | **198** | **223** |
| **Known Acute Disease**  | **0** | **1671** | **1513** | **1524** | **1359** | **482** |
| **Known Chronic Disease**  | **0** | **941** | **1004** | **1104** | **949** | **1020** |
| **Causes not known**  | **0** | **14927** | **20863** | **23529** | **20034** | **10903** |
|  **Total Deaths**  | **0** | **35895** | **42387** | **44402** | **35721** | **21448** |