HMIS Trend Analysis - Sikkim

***2008 - 09 to Apr’13 to Dec’13***

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3/4/2014

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| **Sikkim- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **12,090** | **12,046** | **11,969** | **11,918** | **11,779** | **11,751** |
| **Reported ANC Registration** | **13,395** | **15,212** | **9,925** | **10,071** | **9,288** | **6,761** |
| **Sikkim- % ANC Registration against expected pregnancies**  | **111%** | **126%** | **83%** | **85%** | **79%** | **58%** |

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| **Sikkim- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **13,395** | **15,212** | **9,925** | **10,071** | **9,288** | **6,761** |
| **ANC registered within first trimester** | **6,196** | **5,412** | **5,923** | **6,142** | **5,891** | **4,771** |
| **Sikkim- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **46%** | **36%** | **60%** | **61%** | **63%** | **71%** |
| **New women registered under JSY** | **238** | **4,310** | **4,435** | **4,424** | **4,149** | **3,336** |
| **Sikkim- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **2%** | **28%** | **45%** | **44%** | **45%** | **49%** |
| **Number of pregnant women received 3 ANC check ups** | **8,752** | **8,163** | **7,813** | **8,496** | **7,289** | **5,936** |
| **Sikkim- % 3 ANC Check ups against Reported ANC Registration**  | **65%** | **54%** | **79%** | **84%** | **78%** | **88%** |
| **TT1** | **9,441** | **6,969** | **7,468** | **8,111** | **7,530** | **5,509** |
| **Sikkim- % TT1 against ANC Registration**  | **70%** | **46%** | **75%** | **81%** | **81%** | **81%** |
| **TT2 or Booster** | **11,593** | **7,260** | **8,173** | **8,654** | **8,229** | **6,160** |
| **Sikkim- % TT2 against Reported ANC Registration**  | **87%** | **48%** | **82%** | **86%** | **89%** | **91%** |
| **Total number of pregnant women given 100 IFA tablets** | **4,500** | **5,755** | **4,945** | **7,700** | **7,898** | **5,938** |
| **Sikkim- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **34%** | **38%** | **50%** | **76%** | **85%** | **88%** |

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| **Sikkim - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **13,395** | **15,212** | **9,925** | **10,071** | **9,288** | **6,761** |
| **New cases of BP detected at institution** | **28** | **612** | **708** | **283** | **221** | **140** |
| **Sikkim - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **0.2%** | **4.0%** | **7.1%** | **2.8%** | **2%** | **2%** |
| **Number of Eclampsia cases managed during delivery** | **0** | **1** | **4** | **3** | **3** | **33** |
| **Sikkim - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.00%** | **0.01%** | **0.04%** | **0.03%** | **0.03%** | **0.49%** |
| **Number having Hb level<11 (tested cases)** | **0** | **2196** | **2560** | **3074** | **3742** | **2849** |
| **Sikkim - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **0.0%** | **14.4%** | **25.8%** | **30.5%** | **40%** | **42%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **20** | **163** | **305** | **36** | **13** | **33** |
| **Sikkim - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **0.1%** | **1.1%** | **3.1%** | **0.4%** | **0%** | **0%** |

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| **Sikkim - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **10,991** | **10,951** | **10,881** | **10,834** | **10,708** | **10,683** |
| **Home SBA** | **1,407** | **652** | **485** | **287** | **180** | **184** |
| **Home Non SBA** | **1,181** | **1,320** | **998** | **980** | **667** | **262** |
| **Total Home Deliveries** | **2,588** | **1,972** | **1,483** | **1,267** | **847** | **446** |
| **Sikkim- % Home Deliveries against expected Deliveries**  | 24% | 18% | 14% | 12% | 8% | 4% |
| **Institutional (Pub)** | **2,430** | **3,813** | **5,410** | **6,775** | **6,593** | **4,749** |
| **Institutional (Pvt)** | **-** | **-** | **1,238** | **-** | **-** | **543** |
| **Total Institutional Deliveries** | **2,430** | **3,813** | **6,648** | **6,775** | **6,593** | **5,292** |
| **Sikkim - % Institutional Deliveries against expected Deliveries**  | 22% | 35% | 61% | 63% | 62% | 50% |
| **Total Reported Deliveries** | **5,018** | **5,785** | **8,131** | **8,042** | **7,440** | **5,738** |
| **Sikkim - % Unreported Deliveries against expected Deliveries**  | 54% | 47% | 25% | 26% | 31% | 46% |

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| **Sikkim -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Sikkim- % Home Deliveries(SBA) against Reported Deliveries** | 28% | 11% | 6% | 4% | 2% | 3% |
| **Sikkim- % Home Deliveries(Non SBA) against Reported Deliveries** | 24% | 23% | 12% | 12% | 9% | 5% |
| **Sikkim- % Institutional Deliveries against Reported Deliveries** | 48% | 66% | 82% | 84% | 89% | 92% |

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| **Sikkim - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** | **2,430** | **3,813** | **6,648** | **6,775** | **6,593** | **5,292** |
| **C- Section Deliveries (Pub)** | **68** | **450** | **665** | **856** | **1211** | **995** |
| **C- Section Deliveries (Pvt)** | **4** | **1** | **438** | **0** | **0** | **316** |
| **Total C- Section Deliveries (Pub & Pvt)** | **72** | **451** | **1103** | **856** | **1211** | **1311** |
| **Sikkim - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **3%** | **12%** | **17%** | **13%** | **18%** | **25%** |

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| **Sikkim - 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)** | **2,430** | **3,813** | **6,648** | **6,775** | **6,593** | **5,292** |
| **Stay Duration less than 48 hrs** | **982** | **1958** | **2564** | **4238** | **5265** | **3162** |
| **Sikkim - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **40%** | **51%** | **39%** | **63%** | **80%** | **60%** |

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| **Sikkim - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **18** | **14** | **9** | **8** | **5** | **13** |
| **MTP - More than 12 weeks of pregnancy** | **0** | **2** | **1** | **0** | **1** | **1** |
| **Total MTP in Public Facilities** | **18** | **16** | **10** | **8** | **6** | **14** |
| **Number of MTPs conducted at Private Facilities** | **1** | **4** | **1** | **3** | **0** | **43** |
| **Abortions ( Induced/Spontaneous)** | **95** | **93** | **291** | **271** | **282** | **266** |

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| **Sikkim - 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** | **93%** | **90%** | **74%** | **84%** | **98%** | **100%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **98%** | **86%** | **63%** | **81%** | **77%** | **87%** |

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| **Sikkim- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **2,588** | **1,972** | **1,483** | **1,267** | **847** | **446** |
| **JSY Paid to mothers for Home Deliveries** | **79** | **523** | **340** | **205** | **82** | **18** |
| **Sikkim - JSY paid to mothers -%age of Reported Home deliveries** | **3%** | **27%** | **23%** | **16%** | **10%** | **4%** |
| **Institutional Deliveries(Pub)** | **2,430** | **3,813** | **5,410** | **6,775** | **6,593** | **4,749** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **39** | **1890** | **2609** | **2581** | **2748** | **855** |
| **Sikkim - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **2%** | **50%** | **48%** | **38%** | **42%** | **18%** |
| **Institutional Deliveries(Pvt)** | **-** | **-** | **1,238** | **-** | **-** | **543** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **19** | **879** | **50** | **0** | **0** | **0** |
| **Sikkim - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **#DIV/0!** | **#DIV/0!** | **4%** | **#DIV/0!** | **#DIV/0!** | **0%** |

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| **Sikkim - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **10,813** | **10,768** | **10,720** | **10,695** | **10,581** | **10,556** |
| **Reported Live Births** | **7236** | **6821** | **8072** | **8055** | **7505** | **5719** |
| **Sikkim - %ge Reported Live Births against Estimated Live Births** | **67%** | **63%** | **75%** | **75%** | **71%** | **54%** |
| **Newborns Weighed** | 4,956 | 5,486 | 6,355 | 7,565 | 7,105 | 5,612 |
| **Sikkim - %ge Newborns weighed against Reported Live Births** | **68%** | **80%** | **79%** | **94%** | **95%** | **98%** |
| **Newborns Weighed Less than 2.5kgs** | 324 | 230 | 248 | 536 | 397 | 500 |
| **Sikkim - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **4%** | **3%** | **3%** | **7%** | **5%** | **9%** |
| **Newborns Breastfed within 1 hr of Birth** | 1 | 5,891 | 5,656 | 6,567 | 6,978 | 5,551 |
| **Sikkim - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **0%** | **86%** | **70%** | **82%** | **93%** | **97%** |
| **Still Births** | 110 | 279 | 165 | 186 | 97 | 81 |
| **Abortions - Spontaneous/Induced** | 95 | 93 | 291 | 271 | 282 | 266 |

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| **Sikkim - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **10,813** | **10,768** | **10,720** | **10,695** | **10,581** | **10,556** |
| **Measles Given ( 0 -11 mnth)** | **9799** | **8590** | **8814** | **8981** | **8543** | **6376** |
| **Fully Immunised ( 0 -11 mnth)** | **6717** | **8078** | **8730** | **8658** | **8400** | **6318** |
| **Sikkim- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **62%** | **75%** | **81%** | **81%** | **79%** | **60%** |
| **Reported Live Births** | 7,236 | 6,821 | 8,072 | 8,055 | 7,505 | 5,719 |
| **Sikkim- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **93%** | **118%** | **108%** | **107%** | **112%** | **110%** |
| **Deaths Due to Immunisation** | 0 | 0 | 0 | 0 | 0 | 0 |
| **Sikkim - BCG to Measels Drop out Rate**  | **-19%** | **-7%** | **1%** | **0%** | **-4%** | **-9%** |

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| **Sikkim - 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** | **7,052** | **3,569** | **3,614** | **3,646** | **3,691** | **3,737** |
| **Immunisation Sessions held as percentage of required VHNDs** | **34%** | **164%** | **161%** | **200%** | **213%** | **167%** |
|  **% Sessions where ASHAs were present** | **59%** | **95%** | **96%** | **92%** | **90%** | **85%** |

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| **Sikkim - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  151  |  142  |  93  |  49  |  45  |  15  |
| **Female Sterilisations** |  121  |  407  |  146  |  143  |  140  |  136  |
| **IUD** |  931  |  1,598  |  1,822  |  1,477  |  1,083  |  1,096  |
| **OCP Users ( OCP Cycles/13)** |  4,756  |  4,502  |  4,561  |  5,119  |  4,837  |  3,887  |
| **Condom Users ( Condom Pieces/72 )** |  2,777  |  3,779  |  2,343  |  3,025  |  3,014  |  2,625  |
| **Total FP method Users** |  8,735  |  10,427  |  8,965  |  9,813  |  9,119  |  7,760  |
| **% Of FP users Using Limiting Methods** | **3.11%** | **5.26%** | **2.67%** | **1.96%** | **2.03%** | **1.95%** |
| **% Of FP users Using Spacing Methods** | **96.89%** | **94.74%** | **97.33%** | **98.04%** | **97.97%** | **98.05%** |

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| **Sikkim- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **587,637** | **594,899** | **602,250** | **607,688** | **615,198** | **622,800** |
| **Total OPD** | 64,196 | 274,481 | 763,551 | 887,372 | 873,243 | 718,097 |
| **Total IPD** | - | 10,769 | 23,715 | 26,058 | 34,175 | 30,666 |
| **OPD per 1000 population** | **109.24** | **461.39** | **1267.83** | **1460.24** | **1419.45** | **1153.01** |
| **IPD per 1000 population** | 0.00 | 18.10 | 39.38 | 42.88 | 55.55 | 49.24 |
| **Operation Major( General and Spinal Anaesthesia)** | 0.00 | 114 | 1,622 | 1,753 | 2,295 | 1,975 |
| **Operation Major per 100000 population** | **0.00** | **19.16** | **269.32** | **288.47** | **373.05** | **317.12** |
| **Operation Minor( No or local Anaesthesia)** | - | 2,257 | 8,295 | 8,350 | 7,960 | 6,242 |
| **Operation Minor as % of OPD** | **0.00%** | **0.82%** | **1.09%** | **0.94%** | **0.91%** | **0.87%** |
| **AYUSH** | - | 52 | 1,640 | 9,706 | 13,329 | 21,624 |
| **Ayush as % of OPD** | **0.0%** | **0.0%** | **0.2%** | **1.1%** | **1.5%** | **3.0%** |
| **Dental Procedures** | - | 9,759 | 19,357 | 23,178 | 31,225 | 30,763 |
| **Dental Procedures as % of OPD** | **0.00%** | **3.56%** | **2.54%** | **2.61%** | **3.58%** | **4.28%** |
| **Adolescent Counselling** | - | 1,958 | 2,437 | 2,568 | 4,116 | 17,845 |
| **Adolescent Counselling as % of OPD** | **0.00%** | **0.71%** | **0.32%** | **0.29%** | **0.47%** | **2.49%** |

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| **Sikkim - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** | **587,637** | **594,899** | **602,250** | **607,688** | **615,198** | **622,800** |
| **Diphtheria**  | **67** | **0** | **0** | **1** | **0** | **0** |
| **Pertussis**  | **0** | **0** | **0** | **0** | **0** | **0** |
| **Tetanus Neonatorum** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Tetanus others** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Polio** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **132** | **189** | **368** | **230** | **48** | **27** |
| **Diarrhoea and dehydration** | **23088** | **8590** | **9135** | **9361** | **8549** | **6296** |
| **Malaria** | **684** | **59** | **0** | **131** | **2** | **13** |
| **Number admitted with Respiratory Infections** | **13576** | **1046** | **4327** | **1242** | **1322** | **1293** |

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| **Sikkim -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** |  -  |  10,363  |  15,324  |  23,805  |  48,562  |  40,035  |
| **HB Tested as %age of OPD** | **#DIV/0!** | **459%** | **185%** | **285%** | **610%** | **641%** |
| **HB <7 gm as %age of HB tested** | **#DIV/0!** | **4.55%** | **3.69%** | **2.96%** | **1.54%** | **1.43%** |
| **Total HIV tested** |  -  |  1,200  |  2,924  |  4,065  |  4,685  |  4,702  |
| **HIV Tested as %age of OPD** | **#DIV/0!** | **53%** | **35%** | **49%** | **59%** | **75%** |
| **HIV Tested positive as %age of HIV tested** | #DIV/0! | 94% | 94% | 92% | 68% | 58% |
| **Total VDRL Tested** |  -  |  6,013  |  9,186  |  10,406  |  9,428  |  10,547  |
| **VDRL Tested as %age of OPD** | **#DIV/0!** | **266.4%** | **110.7%** | **124.6%** | **118.4%** | **169.0%** |
| **Total Widal Test Conducted** | 0 | 243 | 947 | 382 | 188 | 252 |
| **Widal Test Conducted as %age of OPD** | **#DIV/0!** | **10.8%** | **11.4%** | **4.6%** | **2.4%** | **4.0%** |
| **Blood Smear Examined** |  -  |  2,726  |  5,094  |  5,507  |  5,192  |  4,951  |
| **Blood Smear Examined as %age of population** | **0%** | **0%** | **1%** | **1%** | **1%** | **1%** |
| **Sikkim - 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** | **4** | **8** | **25** | **1** | **2** | **4** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **6** | **24** | **45** | **1** | **2** | **22** |
| **Infant deaths between 1 month to11months of Birth** | **0** | **5** | **29** | **4** | **3** | **12** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **1** | **4** | **9** | **1** | **1** | **1** |
| **Total** | **11** | **41** | **108** | **7** | **8** | **39** |

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| **Sikkim - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **0** | **1** | **0** | **0** | **0** | **0** |
| **Obstructed/prolonged Labour** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Severe Hypertension/Fits** | **0** | **4** | **2** | **0** | **1** | **4** |
| **Bleeding** | **0** | **0** | **3** | **3** | **2** | **0** |
| **High Fever** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other Causes** | **0** | **3** | **10** | **0** | **8** | **8** |
| **Total deaths** | **0** | **8** | **16** | **3** | **11** | **12** |

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| **Sikkim - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **0** | **1** | **5** | **0** | **2** | **1** |
| **Tuberculosis** | **0** | **9** | **83** | **0** | **11** | **16** |
| **Respiratory Diseases(Other than TB)** | **0** | **21** | **53** | **6** | **16** | **25** |
| **Malaria**  | **0** | **2** | **1** | **0** | **0** | **0** |
| **Other fever Related** | **0** | **3** | **34** | **2** | **8** | **36** |
| **HIV/AIDS** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Heart Disease/ Hypertension related**  | **0** | **0** | **50** | **17** | **26** | **43** |
| **Neurological Disease including strokes**  | **0** | **4** | **46** | **2** | **5** | **26** |
| **Trauma/Accidents/ Burn Cases** | **0** | **1** | **40** | **1** | **12** | **13** |
| **Suicide**  | **0** | **7** | **22** | **7** | **20** | **19** |
| **Animal Bites & Stings**  | **0** | **9** | **0** | **0** | **0** | **0** |
| **Known Acute Disease**  | **0** | **0** | **7** | **2** | **9** | **27** |
| **Known Chronic Disease**  | **0** | **4** | **89** | **21** | **44** | **73** |
| **Causes not known**  | **0** | **69** | **204** | **32** | **91** | **79** |
|  **Total Deaths**  | **0** | **130** | **634** | **90** | **244** | **358** |