HMIS Trend Analysis - Mizoram

***2008 - 09 to Apr’13 to Dec’13***

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3/4/2014

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| **Mizoram- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **20,546** | **20,768** | **20,648** | **20,261** | **20,358** | **20,821** |
| **Reported ANC Registration** | **24,827** | **32,096** | **29,126** | **24,313** | **25,369** | **18,425** |
| **Mizoram- % ANC Registration against expected pregnancies**  | **121%** | **155%** | **141%** | **120%** | **125%** | **88%** |

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| **Mizoram- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **24,827** | **32,096** | **29,126** | **24,313** | **25,369** | **18,425** |
| **ANC registered within first trimester** | **10,117** | **13,614** | **13,310** | **13,584** | **15,234** | **12,397** |
| **Mizoram- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **41%** | **42%** | **46%** | **56%** | **60%** | **67%** |
| **New women registered under JSY** | **262** | **10,616** | **11,234** | **11,200** | **13,082** | **12,423** |
| **Mizoram- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **1%** | **33%** | **39%** | **46%** | **52%** | **67%** |
| **Number of pregnant women received 3 ANC check ups** | **16,643** | **22,763** | **22,364** | **18,234** | **17,757** | **11,821** |
| **Mizoram- % 3 ANC Check ups against Reported ANC Registration**  | **67%** | **71%** | **77%** | **75%** | **70%** | **64%** |
| **TT1** | **11,189** | **13,822** | **12,965** | **12,654** | **14,657** | **10,626** |
| **Mizoram- % TT1 against ANC Registration**  | **45%** | **43%** | **45%** | **52%** | **58%** | **58%** |
| **TT2 or Booster** | **18,372** | **22,626** | **21,358** | **20,119** | **22,337** | **15,824** |
| **Mizoram- % TT2 against Reported ANC Registration**  | **74%** | **70%** | **73%** | **83%** | **88%** | **86%** |
| **Total number of pregnant women given 100 IFA tablets** | **17,912** | **22,255** | **19,900** | **17,953** | **19,957** | **13,011** |
| **Mizoram- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **72%** | **69%** | **68%** | **74%** | **79%** | **71%** |

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| **Mizoram - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **24,827** | **32,096** | **29,126** | **24,313** | **25,369** | **18,425** |
| **New cases of BP detected at institution** | **1295** | **256** | **242** | **251** | **312** | **270** |
| **Mizoram - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **5.2%** | **0.8%** | **0.8%** | **1.0%** | **1%** | **1%** |
| **Number of Eclampsia cases managed during delivery** | **20** | **10** | **0** | **10** | **5** | **2** |
| **Mizoram - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.08%** | **0.03%** | **0.00%** | **0.04%** | **0.02%** | **0.01%** |
| **Number having Hb level<11 (tested cases)** | **250** | **1272** | **2023** | **2603** | **3322** | **6526** |
| **Mizoram - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **1.0%** | **4.0%** | **6.9%** | **10.7%** | **13%** | **35%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **61** | **149** | **45** | **10** | **42** | **231** |
| **Mizoram - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **0.2%** | **0.5%** | **0.2%** | **0.0%** | **0%** | **1%** |

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| **Mizoram - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **18,678** | **18,880** | **18,771** | **18,419** | **18,507** | **18,929** |
| **Home SBA** | **2,283** | **2,620** | **1,825** | **1,571** | **1,039** | **575** |
| **Home Non SBA** | **2,091** | **2,429** | **2,326** | **2,005** | **1,806** | **1,119** |
| **Total Home Deliveries** | **4,374** | **5,049** | **4,151** | **3,576** | **2,845** | **1,694** |
| **Mizoram- % Home Deliveries against expected Deliveries**  | 23% | 27% | 22% | 19% | 15% | 9% |
| **Institutional (Pub)** | **13,832** | **14,675** | **15,420** | **14,340** | **14,860** | **11,685** |
| **Institutional (Pvt)** | **10** | **3,127** | **2,731** | **814** | **2,682** | **2,499** |
| **Total Institutional Deliveries** | **13,842** | **17,802** | **18,151** | **15,154** | **17,542** | **14,184** |
| **Mizoram - % Institutional Deliveries against expected Deliveries**  | 74% | 94% | 97% | 82% | 95% | 75% |
| **Total Reported Deliveries** | **18,216** | **22,851** | **22,302** | **18,730** | **20,387** | **15,878** |
| **Mizoram - % Unreported Deliveries against expected Deliveries**  | 2% | -21% | -19% | -2% | -10% | 16% |

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| **Mizoram -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Mizoram- % Home Deliveries(SBA) against Reported Deliveries** | 13% | 11% | 8% | 8% | 5% | 4% |
| **Mizoram- % Home Deliveries(Non SBA) against Reported Deliveries** | 11% | 11% | 10% | 11% | 9% | 7% |
| **Mizoram- % Institutional Deliveries against Reported Deliveries** | 76% | 78% | 81% | 81% | 86% | 89% |

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| **Mizoram - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** | **13,842** | **17,802** | **18,151** | **15,154** | **17,542** | **14,184** |
| **C- Section Deliveries (Pub)** | **1080** | **1164** | **1338** | **1180** | **1408** | **1299** |
| **C- Section Deliveries (Pvt)** | **179** | **645** | **686** | **227** | **894** | **909** |
| **Total C- Section Deliveries (Pub & Pvt)** | **1259** | **1809** | **2024** | **1407** | **2302** | **2208** |
| **Mizoram - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **9%** | **10%** | **11%** | **9%** | **13%** | **16%** |

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| **Mizoram - 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)** | **13,842** | **17,802** | **18,151** | **15,154** | **17,542** | **14,184** |
| **Stay Duration less than 48 hrs** | **106** | **12604** | **11725** | **11478** | **12090** | **8969** |
| **Mizoram - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **1%** | **71%** | **65%** | **76%** | **69%** | **63%** |

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| **Mizoram - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **819** | **484** | **375** | **335** | **340** | **151** |
| **MTP - More than 12 weeks of pregnancy** | **91** | **69** | **102** | **35** | **116** | **99** |
| **Total MTP in Public Facilities** | **910** | **553** | **477** | **370** | **456** | **250** |
| **Number of MTPs conducted at Private Facilities** | **20** | **35** | **20** | **0** | **21** | **17** |
| **Abortions ( Induced/Spontaneous)** | **458** | **694** | **686** | **923** | **917** | **916** |

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| **Mizoram - 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** | **35%** | **59%** | **74%** | **79%** | **80%** | **81%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **48%** | **64%** | **64%** | **70%** | **86%** | **86%** |

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| **Mizoram- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **4,374** | **5,049** | **4,151** | **3,576** | **2,845** | **1,694** |
| **JSY Paid to mothers for Home Deliveries** | **187** | **690** | **323** | **206** | **74** | **32** |
| **Mizoram - JSY paid to mothers -%age of Reported Home deliveries** | **4%** | **14%** | **8%** | **6%** | **3%** | **2%** |
| **Institutional Deliveries(Pub)** | **13,832** | **14,675** | **15,420** | **14,340** | **14,860** | **11,685** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **1308** | **10169** | **10318** | **9110** | **9105** | **8059** |
| **Mizoram - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **9%** | **69%** | **67%** | **64%** | **61%** | **69%** |
| **Institutional Deliveries(Pvt)** | **10** | **3,127** | **2,731** | **814** | **2,682** | **2,499** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **20** | **800** | **1546** | **486** | **1520** | **1141** |
| **Mizoram - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **200%** | **26%** | **57%** | **60%** | **57%** | **46%** |

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| **Mizoram - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **18,339** | **18,546** | **18,430** | **18,111** | **18,189** | **18,603** |
| **Reported Live Births** | **18703** | **23708** | **22107** | **18722** | **20827** | **15650** |
| **Mizoram - %ge Reported Live Births against Estimated Live Births** | **102%** | **128%** | **120%** | **103%** | **115%** | **84%** |
| **Newborns Weighed** | 18,906 | 22,155 | 20,942 | 17,390 | 20,128 | 15,245 |
| **Mizoram - %ge Newborns weighed against Reported Live Births** | **101%** | **93%** | **95%** | **93%** | **97%** | **97%** |
| **Newborns Weighed Less than 2.5kgs** | 1,908 | 1,108 | 1,332 | 894 | 1,077 | 750 |
| **Mizoram - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **10%** | **5%** | **6%** | **5%** | **5%** | **5%** |
| **Newborns Breastfed within 1 hr of Birth** | 1,436 | 21,371 | 20,669 | 15,844 | 19,277 | 15,193 |
| **Mizoram - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **8%** | **90%** | **93%** | **85%** | **93%** | **97%** |
| **Still Births** | 1471 | 196 | 187 | 281 | 228 | 165 |
| **Abortions - Spontaneous/Induced** | 458 | 694 | 686 | 923 | 917 | 916 |

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| **Mizoram - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **18,339** | **18,546** | **18,430** | **18,111** | **18,189** | **18,603** |
| **Measles Given ( 0 -11 mnth)** | **10775** | **21833** | **21817** | **19330** | **21761** | **14850** |
| **Fully Immunised ( 0 -11 mnth)** | **13567** | **22623** | **21267** | **18768** | **21294** | **14500** |
| **Mizoram- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **74%** | **122%** | **115%** | **104%** | **117%** | **78%** |
| **Reported Live Births** | 18,703 | 23,708 | 22,107 | 18,722 | 20,827 | 15,650 |
| **Mizoram- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **73%** | **95%** | **96%** | **100%** | **102%** | **93%** |
| **Deaths Due to Immunisation** | 20 | 3 | 1 | 0 | 1 | 1 |
| **Mizoram - BCG to Measels Drop out Rate**  | **-4%** | **8%** | **4%** | **4%** | **11%** | **15%** |

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| **Mizoram - 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** | **12,363** | **6,323** | **6,467** | **6,546** | **6,695** | **6,848** |
| **Immunisation Sessions held as percentage of required VHNDs** | **2%** | **99%** | **107%** | **107%** | **116%** | **87%** |
|  **% Sessions where ASHAs were present** | **77%** | **89%** | **88%** | **85%** | **84%** | **87%** |
| **Mizoram - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  106  |  3  |  5  |  -  |  1  |  -  |
| **Female Sterilisations** |  3,263  |  2,533  |  2,368  |  1,721  |  2,067  |  1,336  |
| **IUD** |  1,927  |  2,621  |  3,067  |  2,751  |  2,976  |  2,140  |
| **OCP Users ( OCP Cycles/13)** |  4,101  |  6,540  |  6,583  |  4,197  |  3,901  |  3,770  |
| **Condom Users ( Condom Pieces/72 )** |  2,566  |  4,537  |  4,161  |  1,306  |  1,086  |  2,276  |
| **Total FP method Users** |  11,964  |  16,234  |  16,184  |  9,975  |  10,031  |  9,522  |
| **% Of FP users Using Limiting Methods** | **28.16%** | **15.62%** | **14.66%** | **17.25%** | **20.62%** | **14.03%** |
| **% Of FP users Using Spacing Methods** | **71.84%** | **84.38%** | **85.34%** | **82.75%** | **79.38%** | **85.97%** |

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| **Mizoram- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **1,030,282** | **1,053,754** | **1,077,762** | **1,091,014** | **1,115,870** | **1,141,293** |
| **Total OPD** | 21,263 | 881,231 | 1,038,017 | 1,051,129 | 1,089,412 | 959,960 |
| **Total IPD** | 3,360 | 83,007 | 80,364 | 74,910 | 97,585 | 76,657 |
| **OPD per 1000 population** | **20.64** | **836.28** | **963.12** | **963.44** | **976.29** | **841.12** |
| **IPD per 1000 population** | 3.26 | 78.77 | 74.57 | 68.66 | 87.45 | 67.17 |
| **Operation Major( General and Spinal Anaesthesia)** | 20.00 | 10,190 | 9,742 | 9,978 | 13,156 | 11,234 |
| **Operation Major per 100000 population** | **1.94** | **967.02** | **903.91** | **914.56** | **1178.99** | **984.32** |
| **Operation Minor( No or local Anaesthesia)** | 20 | 26,210 | 27,170 | 29,462 | 29,602 | 23,797 |
| **Operation Minor as % of OPD** | **0.09%** | **2.97%** | **2.62%** | **2.80%** | **2.72%** | **2.48%** |
| **AYUSH** | 20 | 34,572 | 38,905 | 31,814 | 28,151 | 23,337 |
| **Ayush as % of OPD** | **0.1%** | **3.9%** | **3.7%** | **3.0%** | **2.6%** | **2.4%** |
| **Dental Procedures** | 20 | 37,399 | 54,017 | 53,879 | 57,318 | 47,861 |
| **Dental Procedures as % of OPD** | **0.09%** | **4.24%** | **5.20%** | **5.13%** | **5.26%** | **4.99%** |
| **Adolescent Counselling** | 20 | 2,274 | 1,519 | 553 | 192 | 1,650 |
| **Adolescent Counselling as % of OPD** | **0.09%** | **0.26%** | **0.15%** | **0.05%** | **0.02%** | **0.17%** |

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| **Mizoram - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** | **1,030,282** | **1,053,754** | **1,077,762** | **1,091,014** | **1,115,870** | **1,141,293** |
| **Diphtheria**  | **23** | **9** | **7** | **2** | **0** | **0** |
| **Pertussis**  | **21** | **7** | **0** | **0** | **0** | **0** |
| **Tetanus Neonatorum** | **20** | **2** | **0** | **0** | **0** | **0** |
| **Tetanus others** | **24** | **0** | **2** | **0** | **0** | **0** |
| **Polio** | **21** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **278** | **636** | **312** | **326** | **267** | **140** |
| **Diarrhoea and dehydration** | **14369** | **11398** | **9711** | **7771** | **8794** | **5831** |
| **Malaria** | **8184** | **4429** | **2498** | **1738** | **1587** | **1180** |
| **Number admitted with Respiratory Infections** | **14815** | **4348** | **3110** | **2895** | **3566** | **2493** |

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| **Mizoram -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** |  20  |  42,764  |  55,785  |  58,018  |  81,461  |  67,775  |
| **HB Tested as %age of OPD** | **100%** | **163%** | **205%** | **197%** | **275%** | **285%** |
| **HB <7 gm as %age of HB tested** | **100.00%** | **2.45%** | **2.20%** | **1.76%** | **2.04%** | **2.16%** |
| **Total HIV tested** |  20  |  10,843  |  14,943  |  12,997  |  14,575  |  12,788  |
| **HIV Tested as %age of OPD** | **100%** | **41%** | **55%** | **44%** | **49%** | **54%** |
| **HIV Tested positive as %age of HIV tested** | 100% | 13% | 20% | 29% | 27% | 25% |
| **Total VDRL Tested** |  60  |  4,276  |  7,829  |  8,285  |  12,088  |  10,705  |
| **VDRL Tested as %age of OPD** | **300.0%** | **16.3%** | **28.8%** | **28.1%** | **40.8%** | **45.0%** |
| **Total Widal Test Conducted** | 20 | 7645 | 6500 | 10775 | 13276 | 12472 |
| **Widal Test Conducted as %age of OPD** | **100.0%** | **29.2%** | **23.9%** | **36.6%** | **44.8%** | **52.4%** |
| **Blood Smear Examined** |  20  |  105,315  |  111,357  |  85,050  |  83,619  |  69,144  |
| **Blood Smear Examined as %age of population** | **0%** | **10%** | **10%** | **8%** | **7%** | **6%** |
| **Mizoram - 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** | **1** | **139** | **38** | **25** | **9** | **10** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **29** | **114** | **115** | **40** | **96** | **127** |
| **Infant deaths between 1 month to11months of Birth** | **37** | **450** | **432** | **140** | **466** | **314** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **19** | **165** | **203** | **80** | **68** | **44** |
| **Total** | **86** | **868** | **788** | **285** | **639** | **495** |

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| **Mizoram - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **2** | **0** | **0** | **1** | **1** | **0** |
| **Obstructed/prolonged Labour** | **2** | **2** | **2** | **1** | **2** | **1** |
| **Severe Hypertension/Fits** | **3** | **1** | **0** | **1** | **2** | **2** |
| **Bleeding** | **4** | **5** | **3** | **5** | **2** | **5** |
| **High Fever** | **3** | **5** | **0** | **2** | **2** | **1** |
| **Other Causes** | **2** | **14** | **1** | **6** | **18** | **4** |
| **Total deaths** | **16** | **27** | **6** | **16** | **27** | **13** |

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| **Mizoram - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **2** | **12** | **23** | **9** | **12** | **5** |
| **Tuberculosis** | **6** | **62** | **68** | **45** | **71** | **50** |
| **Respiratory Diseases(Other than TB)** | **2** | **215** | **192** | **101** | **235** | **209** |
| **Malaria**  | **20** | **146** | **73** | **42** | **57** | **65** |
| **Other fever Related** | **119** | **274** | **161** | **260** | **162** | **115** |
| **HIV/AIDS** | **2** | **18** | **15** | **11** | **69** | **63** |
| **Heart Disease/ Hypertension related**  | **2** | **283** | **368** | **212** | **381** | **261** |
| **Neurological Disease including strokes**  | **4** | **49** | **62** | **45** | **119** | **109** |
| **Trauma/Accidents/ Burn Cases** | **2** | **183** | **227** | **189** | **293** | **210** |
| **Suicide**  | **2** | **59** | **88** | **53** | **84** | **54** |
| **Animal Bites & Stings**  | **2** | **9** | **3** | **8** | **15** | **7** |
| **Known Acute Disease**  | **2** | **230** | **380** | **250** | **493** | **443** |
| **Known Chronic Disease**  | **2** | **1019** | **1196** | **536** | **1344** | **1108** |
| **Causes not known**  | **175** | **498** | **666** | **290** | **573** | **479** |
|  **Total Deaths**  | **342** | **3057** | **3522** | **2051** | **3908** | **3178** |