HMIS Trend Analysis - Nagaland

***2008 - 09 to Apr’13 to Dec’13***

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3/4/2014

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| **Nagaland- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **38,677** | **37,996** | **37,040** | **35,445** | **34,277** | **34,261** |
| **Reported ANC Registration** | **21,721** | **33,754** | **34,544** | **39,370** | **50,168** | **34,676** |
| **Nagaland- % ANC Registration against expected pregnancies**  | **56%** | **89%** | **93%** | **111%** | **146%** | **101%** |

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| **Nagaland- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **21,721** | **33,754** | **34,544** | **39,370** | **50,168** | **34,676** |
| **ANC registered within first trimester** | **4,274** | **7,741** | **9,177** | **13,262** | **20,202** | **12,397** |
| **Nagaland- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **20%** | **23%** | **27%** | **34%** | **40%** | **36%** |
| **New women registered under JSY** | **2,007** | **11,380** | **10,530** | **17,005** | **23,699** | **18,814** |
| **Nagaland- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **9%** | **34%** | **30%** | **43%** | **47%** | **54%** |
| **Number of pregnant women received 3 ANC check ups** | **5,282** | **9,848** | **11,251** | **13,322** | **17,630** | **10,918** |
| **Nagaland- % 3 ANC Check ups against Reported ANC Registration**  | **24%** | **29%** | **33%** | **34%** | **35%** | **31%** |
| **TT1** | **9,018** | **15,650** | **16,088** | **18,080** | **21,949** | **15,052** |
| **Nagaland- % TT1 against ANC Registration**  | **42%** | **46%** | **47%** | **46%** | **44%** | **43%** |
| **TT2 or Booster** | **8,655** | **12,798** | **13,362** | **14,728** | **17,786** | **12,599** |
| **Nagaland- % TT2 against Reported ANC Registration**  | **40%** | **38%** | **39%** | **37%** | **35%** | **36%** |
| **Total number of pregnant women given 100 IFA tablets** | **2,506** | **8,452** | **14,888** | **9,864** | **17,506** | **11,173** |
| **Nagaland- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **12%** | **25%** | **43%** | **25%** | **35%** | **32%** |

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| **Nagaland - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **21,721** | **33,754** | **34,544** | **39,370** | **50,168** | **34,676** |
| **New cases of BP detected at institution** | **0** | **420** | **270** | **626** | **702** | **292** |
| **Nagaland - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **0.0%** | **1.2%** | **0.8%** | **1.6%** | **1%** | **1%** |
| **Number of Eclampsia cases managed during delivery** | **0** | **22** | **15** | **29** | **73** | **53** |
| **Nagaland - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.00%** | **0.07%** | **0.04%** | **0.07%** | **0.15%** | **0.15%** |
| **Number having Hb level<11 (tested cases)** | **0** | **615** | **998** | **4314** | **6724** | **5500** |
| **Nagaland - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **0.0%** | **1.8%** | **2.9%** | **11.0%** | **13%** | **16%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **0** | **357** | **249** | **286** | **273** | **208** |
| **Nagaland - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **0.0%** | **1.1%** | **0.7%** | **0.7%** | **1%** | **1%** |

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| **Nagaland - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **35,161** | **34,542** | **33,673** | **32,223** | **31,161** | **31,146** |
| **Home SBA** | **2,172** | **3,883** | **4,195** | **4,728** | **4,567** | **3,059** |
| **Home Non SBA** | **897** | **813** | **1,494** | **1,199** | **1,063** | **810** |
| **Total Home Deliveries** | **3,069** | **4,696** | **5,689** | **5,927** | **5,630** | **3,869** |
| **Nagaland- % Home Deliveries against expected Deliveries**  | 9% | 14% | 17% | 18% | 18% | 12% |
| **Institutional (Pub)** | **5,305** | **10,820** | **11,453** | **12,653** | **13,381** | **9,997** |
| **Institutional (Pvt)** | **-** | **-** | **-** | **525** | **1,830** | **1,290** |
| **Total Institutional Deliveries** | **5,305** | **10,820** | **11,453** | **13,178** | **15,211** | **11,287** |
| **Nagaland - % Institutional Deliveries against expected Deliveries**  | 15% | 31% | 34% | 41% | 49% | 36% |
| **Total Reported Deliveries** | **8,374** | **15,516** | **17,142** | **19,105** | **20,841** | **15,156** |
| **Nagaland - % Unreported Deliveries against expected Deliveries**  | 76% | 55% | 49% | 41% | 33% | 51% |

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| **Nagaland -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Nagaland- % Home Deliveries(SBA) against Reported Deliveries** | 26% | 25% | 24% | 25% | 22% | 20% |
| **Nagaland- % Home Deliveries(Non SBA) against Reported Deliveries** | 11% | 5% | 9% | 6% | 5% | 5% |
| **Nagaland- % Institutional Deliveries against Reported Deliveries** | 63% | 70% | 67% | 69% | 73% | 74% |

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| **Nagaland - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** |  **5,305**  |  **10,820**  |  **11,453**  |  **13,178**  |  **15,211**  |  **11,287**  |
| **C- Section Deliveries (Pub)** | **259** | **870** | **853** | **1210** | **1437** | **1097** |
| **C- Section Deliveries (Pvt)** | **7** | **0** | **0** | **176** | **433** | **306** |
| **Total C- Section Deliveries (Pub & Pvt)** | **266** | **870** | **853** | **1386** | **1870** | **1403** |
| **Nagaland - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **5%** | **8%** | **7%** | **11%** | **12%** | **12%** |

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| **Nagaland - 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)** | **5,305** | **10,820** | **11,453** | **13,178** | **15,211** | **11,287** |
| **Stay Duration less than 48 hrs** | **87** | **4125** | **6693** | **8546** | **10573** | **7566** |
| **Nagaland - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **2%** | **38%** | **58%** | **65%** | **70%** | **67%** |

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| **Nagaland - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **309** | **651** | **644** | **850** | **821** | **434** |
| **MTP - More than 12 weeks of pregnancy** | **63** | **165** | **459** | **89** | **65** | **65** |
| **Total MTP in Public Facilities** | **372** | **816** | **1103** | **939** | **886** | **499** |
| **Number of MTPs conducted at Private Facilities** | **0** | **0** | **0** | **196** | **692** | **718** |
| **Abortions ( Induced/Spontaneous)** | **169** | **174** | **673** | **1372** | **1755** | **1380** |

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| **Nagaland - 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** | **9%** | **30%** | **33%** | **64%** | **75%** | **82%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **17%** | **18%** | **22%** | **26%** | **23%** | **25%** |

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| **Nagaland- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **3,069** | **4,696** | **5,689** | **5,927** | **5,630** | **3,869** |
| **JSY Paid to mothers for Home Deliveries** | **0** | **29** | **1** | **2109** | **2424** | **860** |
| **Nagaland - JSY paid to mothers -%age of Reported Home deliveries** | **0%** | **1%** | **0%** | **36%** | **43%** | **22%** |
| **Institutional Deliveries(Pub)** | **5,305** | **10,820** | **11,453** | **12,653** | **13,381** | **9,997** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **1661** | **7677** | **8924** | **11491** | **12697** | **7724** |
| **Nagaland - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **31%** | **71%** | **78%** | **91%** | **95%** | **77%** |
| **Institutional Deliveries(Pvt)** | **-** | **-** | **-** | **525** | **1,830** | **1,290** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **8** | **144** | **0** | **512** | **1828** | **852** |
| **Nagaland - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **#DIV/0!** | **#DIV/0!** | **#DIV/0!** | **98%** | **100%** | **66%** |

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| **Nagaland - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **34,710** | **34,099** | **33,290** | **31,888** | **30,883** | **30,868** |
| **Reported Live Births** | **9275** | **15281** | **16984** | **18875** | **20637** | **15034** |
| **Nagaland - %ge Reported Live Births against Estimated Live Births** | **27%** | **45%** | **51%** | **59%** | **67%** | **49%** |
| **Newborns Weighed** | 5,327 | 11,323 | 12,207 | 16,519 | 18,936 | 14,122 |
| **Nagaland - %ge Newborns weighed against Reported Live Births** | **57%** | **74%** | **72%** | **88%** | **92%** | **94%** |
| **Newborns Weighed Less than 2.5kgs** | 659 | 929 | 520 | 638 | 721 | 530 |
| **Nagaland - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **7%** | **6%** | **3%** | **3%** | **3%** | **4%** |
| **Newborns Breastfed within 1 hr of Birth** | 83 | 7,725 | 12,035 | 16,420 | 18,256 | 13,609 |
| **Nagaland - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **1%** | **51%** | **71%** | **87%** | **88%** | **91%** |
| **Still Births** | 289 | 207 | 171 | 252 | 305 | 207 |
| **Abortions - Spontaneous/Induced** | 169 | 174 | 673 | 1372 | 1755 | 1380 |

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| **Nagaland - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **34,710** | **34,099** | **33,290** | **31,888** | **30,883** | **30,868** |
| **Measles Given ( 0 -11 mnth)** | **12133** | **25107** | **18754** | **18523** | **21960** | **15459** |
| **Fully Immunised ( 0 -11 mnth)** | **22982** | **21584** | **16288** | **16380** | **19567** | **14682** |
| **Nagaland- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **66%** | **63%** | **49%** | **51%** | **63%** | **48%** |
| **Reported Live Births** | 9,275 | 15,281 | 16,984 | 18,875 | 20,637 | 15,034 |
| **Nagaland- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **248%** | **141%** | **96%** | **87%** | **95%** | **98%** |
| **Deaths Due to Immunisation** | 0 | 1 | 0 | 0 | 0 | 0 |
| **Nagaland - BCG to Measels Drop out Rate**  | **20%** | **-3%** | **12%** | **25%** | **21%** | **23%** |

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| **Nagaland - 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** | **23,801** | **11,895** | **11,889** | **11,884** | **11,878** | **11,872** |
| **Immunisation Sessions held as percentage of required VHNDs** | **0%** | **39%** | **78%** | **129%** | **165%** | **128%** |
|  **% Sessions where ASHAs were present** | **79%** | **57%** | **55%** | **61%** | **61%** | **58%** |

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| **Nagaland - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  53  |  68  |  7  |  6  |  13  |  9  |
| **Female Sterilisations** |  437  |  1,144  |  1,639  |  2,158  |  2,197  |  1,379  |
| **IUD** |  673  |  2,229  |  2,061  |  2,742  |  3,335  |  2,978  |
| **OCP Users ( OCP Cycles/13)** |  399  |  669  |  735  |  1,134  |  1,244  |  1,057  |
| **Condom Users ( Condom Pieces/72 )** |  169  |  456  |  1,013  |  1,619  |  1,652  |  1,774  |
| **Total FP method Users** |  1,731  |  4,566  |  5,456  |  7,658  |  8,441  |  7,196  |
| **% Of FP users Using Limiting Methods** | **28.31%** | **26.55%** | **30.17%** | **28.26%** | **26.18%** | **19.29%** |
| **% Of FP users Using Spacing Methods** | **71.69%** | **73.45%** | **69.83%** | **71.74%** | **73.82%** | **80.71%** |

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| **Nagaland- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **1,983,432** | **1,982,492** | **1,981,552** | **1,980,602** | **1,979,663** | **1,978,725** |
| **Total OPD** | 7,458 | 480,711 | 670,212 | 854,560 | 904,679 | 676,767 |
| **Total IPD** | 42 | 52,785 | 65,716 | 96,903 | 80,494 | 57,195 |
| **OPD per 1000 population** | **3.76** | **242.48** | **338.23** | **431.46** | **456.99** | **342.02** |
| **IPD per 1000 population** | 0.02 | 26.63 | 33.16 | 48.93 | 40.66 | 28.90 |
| **Operation Major( General and Spinal Anaesthesia)** | 158.00 | 853 | 3,267 | 5,752 | 8,707 | 6,060 |
| **Operation Major per 100000 population** | **7.97** | **43.03** | **164.87** | **290.42** | **439.82** | **306.26** |
| **Operation Minor( No or local Anaesthesia)** | 124 | 4,474 | 10,345 | 26,203 | 32,705 | 23,551 |
| **Operation Minor as % of OPD** | **1.66%** | **0.93%** | **1.54%** | **3.07%** | **3.62%** | **3.48%** |
| **AYUSH** | 216 | 12,934 | 21,580 | 20,503 | 22,995 | 21,210 |
| **Ayush as % of OPD** | **2.9%** | **2.7%** | **3.2%** | **2.4%** | **2.5%** | **3.1%** |
| **Dental Procedures** | 528 | 9,464 | 17,101 | 31,683 | 38,534 | 30,387 |
| **Dental Procedures as % of OPD** | **7.08%** | **1.97%** | **2.55%** | **3.71%** | **4.26%** | **4.49%** |
| **Adolescent Counselling** | - | 1,974 | 1,981 | 5,732 | 9,768 | 4,907 |
| **Adolescent Counselling as % of OPD** | **0.00%** | **0.41%** | **0.30%** | **0.67%** | **1.08%** | **0.73%** |

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| **Nagaland - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** |  **1,983,432**  |  **1,982,492**  |  **1,981,552**  |  **1,980,602**  |  **1,979,663**  |  **1,978,725**  |
| **Diphtheria**  | **186** | **0** | **0** | **0** | **0** | **0** |
| **Pertussis**  | **85** | **0** | **7** | **1** | **0** | **0** |
| **Tetanus Neonatorum** | **1** | **0** | **3** | **1** | **0** | **0** |
| **Tetanus others** | **48** | **5** | **5** | **1** | **0** | **0** |
| **Polio** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **938** | **2443** | **1223** | **600** | **211** | **154** |
| **Diarrhoea and dehydration** | **7801** | **11315** | **11249** | **9961** | **6827** | **3675** |
| **Malaria** | **1530** | **3675** | **2105** | **1012** | **547** | **352** |
| **Number admitted with Respiratory Infections** | **6497** | **4571** | **2675** | **1322** | **1752** | **1396** |

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| **Nagaland -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** |  15  |  5,430  |  9,119  |  42,269  |  57,030  |  45,634  |
| **HB Tested as %age of OPD** | **12%** | **121%** | **88%** | **161%** | **174%** | **194%** |
| **HB <7 gm as %age of HB tested** | **0.00%** | **8.67%** | **4.89%** | **3.77%** | **5.29%** | **3.29%** |
| **Total HIV tested** |  83  |  14,788  |  14,134  |  20,450  |  21,700  |  17,927  |
| **HIV Tested as %age of OPD** | **67%** | **331%** | **137%** | **78%** | **66%** | **76%** |
| **HIV Tested positive as %age of HIV tested** | 11% | 19% | 28% | 20% | 21% | 24% |
| **Total VDRL Tested** |  34  |  7,772  |  12,149  |  16,043  |  18,997  |  13,005  |
| **VDRL Tested as %age of OPD** | **27.4%** | **173.7%** | **117.4%** | **61.2%** | **58.1%** | **55.2%** |
| **Total Widal Test Conducted** | 0 | 4904 | 11207 | 14662 | 19197 | 16215 |
| **Widal Test Conducted as %age of OPD** | **0.0%** | **109.6%** | **108.3%** | **56.0%** | **58.7%** | **68.9%** |
| **Blood Smear Examined** |  102  |  31,936  |  28,854  |  30,300  |  36,348  |  31,082  |
| **Blood Smear Examined as %age of population** | **0%** | **2%** | **1%** | **2%** | **2%** | **2%** |
| **Nagaland - 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** | **0** | **5** | **1** | **10** | **4** | **3** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **3** | **20** | **8** | **17** | **34** | **35** |
| **Infant deaths between 1 month to11months of Birth** | **132** | **16** | **0** | **30** | **35** | **28** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **10** | **45** | **9** | **26** | **9** | **8** |
| **Total** | **145** | **86** | **18** | **83** | **82** | **74** |

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| **Nagaland - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **0** | **1** | **0** | **0** | **1** | **1** |
| **Obstructed/prolonged Labour** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Severe Hypertension/Fits** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Bleeding** | **0** | **3** | **0** | **2** | **2** | **1** |
| **High Fever** | **0** | **0** | **0** | **1** | **0** | **2** |
| **Other Causes** | **0** | **1** | **0** | **4** | **8** | **5** |
| **Total deaths** | **0** | **5** | **0** | **7** | **13** | **9** |

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| **Nagaland - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **1** | **50** | **0** | **2** | **4** | **2** |
| **Tuberculosis** | **15** | **21** | **7** | **32** | **53** | **28** |
| **Respiratory Diseases(Other than TB)** | **0** | **14** | **8** | **82** | **99** | **75** |
| **Malaria**  | **0** | **31** | **8** | **22** | **21** | **6** |
| **Other fever Related** | **0** | **57** | **4** | **44** | **50** | **32** |
| **HIV/AIDS** | **0** | **12** | **0** | **12** | **11** | **11** |
| **Heart Disease/ Hypertension related**  | **0** | **27** | **6** | **82** | **116** | **114** |
| **Neurological Disease including strokes**  | **0** | **15** | **9** | **35** | **41** | **50** |
| **Trauma/Accidents/ Burn Cases** | **0** | **2** | **6** | **32** | **42** | **28** |
| **Suicide**  | **0** | **1** | **0** | **0** | **1** | **2** |
| **Animal Bites & Stings**  | **0** | **0** | **0** | **6** | **8** | **3** |
| **Known Acute Disease**  | **0** | **1** | **3** | **41** | **43** | **37** |
| **Known Chronic Disease**  | **0** | **14** | **7** | **81** | **135** | **118** |
| **Causes not known**  | **0** | **35** | **11** | **49** | **79** | **37** |
|  **Total Deaths**  | **16** | **280** | **69** | **520** | **703** | **543** |