HMIS Trend Analysis - Jharkhand

***2008 - 09 to Apr’13 to Dec’13***

Dr. Sandhya Ahuja

3/4/2014

|  |
| --- |
| **Jharkhand- ANC Registration**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Pregnancies** | **904,664** | **916,809** | **925,403** | **924,250** | **933,103** | **953,951** |
| **Reported ANC Registration** | **665,252** | **655,311** | **762,847** | **735,305** | **724,285** | **598,238** |
| **Jharkhand- % ANC Registration against expected pregnancies**  | **74%** | **71%** | **82%** | **80%** | **78%** | **63%** |

|  |
| --- |
| **Jharkhand- ANC Services**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** | **665,252** | **655,311** | **762,847** | **735,305** | **724,285** | **598,238** |
| **ANC registered within first trimester** | **-** | **171,155** | **201,620** | **158,173** | **167,134** | **167,207** |
| **Jharkhand- % ANC Registration in 1st Trimester against Reported ANC Registration**  | **0%** | **26%** | **26%** | **22%** | **23%** | **28%** |
| **New women registered under JSY** | **-** | **572,576** | **685,587** | **677,004** | **661,457** | **569,691** |
| **Jharkhand- % JSY Registration against Reported ANC Registration -Apr'12 to March'13** | **0%** | **87%** | **90%** | **92%** | **91%** | **95%** |
| **Number of pregnant women received 3 ANC check ups** | **350,803** | **406,788** | **471,578** | **444,986** | **474,646** | **410,788** |
| **Jharkhand- % 3 ANC Check ups against Reported ANC Registration**  | **53%** | **62%** | **62%** | **61%** | **66%** | **69%** |
| **TT1** | **658,600** | **567,560** | **662,995** | **628,626** | **624,259** | **502,308** |
| **Jharkhand- % TT1 against ANC Registration**  | **99%** | **87%** | **87%** | **85%** | **86%** | **84%** |
| **TT2 or Booster** | **471,784** | **531,429** | **601,596** | **576,497** | **568,989** | **478,026** |
| **Jharkhand- % TT2 against Reported ANC Registration**  | **71%** | **81%** | **79%** | **78%** | **79%** | **80%** |
| **Total number of pregnant women given 100 IFA tablets** | **660,767** | **551,804** | **561,503** | **270,641** | **322,772** | **340,327** |
| **Jharkhand- % ANC Pregnant Women given 100 IFA Tablets against Reported ANC Registration**  | **99%** | **84%** | **74%** | **37%** | **45%** | **57%** |

|  |
| --- |
| **Jharkhand - Complications Reflecting Quality of ANC**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Reported ANC Registration** |  **665,252**  |  **655,311**  |  **762,847**  |  **735,305**  |  **724,285**  |  **598,238**  |
| **New cases of BP detected at institution** | **0** | **21896** | **23103** | **18292** | **20411** | **17522** |
| **Jharkhand - % High BP cases detected against Reported ANC Registration -Apr'12 to March'13** | **0.0%** | **3.3%** | **3.0%** | **2.5%** | **3%** | **3%** |
| **Number of Eclampsia cases managed during delivery** | **0** | **2674** | **881** | **1166** | **1062** | **1627** |
| **Jharkhand - % Eclampsia Cases Manged against Reported ANC Registration**  | **0.00%** | **0.41%** | **0.12%** | **0.16%** | **0.15%** | **0.27%** |
| **Number having Hb level<11 (tested cases)** | **0** | **60007** | **64770** | **92913** | **110479** | **122681** |
| **Jharkhand - % HB<11 gms against Reported ANC Registration -Apr'12 to March'13** | **0.0%** | **9.2%** | **8.5%** | **12.6%** | **15%** | **21%** |
| **Number having severe anaemia (Hb<7) treated at institution** | **0** | **5791** | **3236** | **2023** | **3405** | **5014** |
| **Jharkhand - %Severe Anaemia(HB < 7) treated against Reported ANC Registration**  | **0.0%** | **0.9%** | **0.4%** | **0.3%** | **0%** | **1%** |

|  |
| --- |
| **Jharkhand - Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Deliveries** | **822,421** | **833,463** | **841,276** | **840,227** | **848,276** | **867,228** |
| **Home SBA** | **130,739** | **115,125** | **67,969** | **43,979** | **36,566** | **23,713** |
| **Home Non SBA** | **181,992** | **165,923** | **174,229** | **168,444** | **139,922** | **82,033** |
| **Total Home Deliveries** | **312,731** | **281,048** | **242,198** | **212,423** | **176,488** | **105,746** |
| **Jharkhand- % Home Deliveries against expected Deliveries**  | 38% | 34% | 29% | 25% | 21% | 12% |
| **Institutional (Pub)** | **189,700** | **222,601** | **289,268** | **310,911** | **325,960** | **298,315** |
| **Institutional (Pvt)** | **701** | **58,417** | **55,868** | **61,318** | **106,414** | **77,547** |
| **Total Institutional Deliveries** | **190,401** | **281,018** | **345,136** | **372,229** | **432,374** | **375,862** |
| **Jharkhand - % Institutional Deliveries against expected Deliveries**  | 23% | 34% | 41% | 44% | 51% | 43% |
| **Total Reported Deliveries** | **503,132** | **562,066** | **587,334** | **584,652** | **608,862** | **481,608** |
| **Jharkhand - % Unreported Deliveries against expected Deliveries**  | 39% | 33% | 30% | 30% | 28% | 44% |

|  |
| --- |
| **Jharkhand -% Deliveries against Reported**  |
|  |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Jharkhand- % Home Deliveries(SBA) against Reported Deliveries** | 26% | 20% | 12% | 8% | 6% | 5% |
| **Jharkhand- % Home Deliveries(Non SBA) against Reported Deliveries** | 36% | 30% | 30% | 29% | 23% | 17% |
| **Jharkhand- % Institutional Deliveries against Reported Deliveries** | 38% | 50% | 59% | 64% | 71% | 78% |

|  |
| --- |
| **Jharkhand - C- Section Deliveries**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total Reported Institutional Deliveries** | **190,401** | **281,018** | **345,136** | **372,229** | **432,374** | **375,862** |
| **C- Section Deliveries (Pub)** | **4** | **3646** | **4272** | **7245** | **5462** | **6610** |
| **C- Section Deliveries (Pvt)** | **0** | **11247** | **11308** | **10258** | **25333** | **18759** |
| **Total C- Section Deliveries (Pub & Pvt)** | **4** | **14893** | **15580** | **17503** | **30795** | **25369** |
| **Jharkhand - C - Section deliveries against Institutional(Pub & Pvt) deliveries** | **0%** | **5%** | **5%** | **5%** | **7%** | **7%** |

|  |
| --- |
| **Jharkhand - 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)** | **190,401** | **281,018** | **345,136** | **372,229** | **432,374** | **375,862** |
| **Stay Duration less than 48 hrs** | **0** | **166111** | **237189** | **335990** | **391428** | **341592** |
| **Jharkhand - Duration of stay less than 48 hrs as Percentage of Reported Institutional Deliveries** | **0%** | **59%** | **69%** | **90%** | **91%** | **91%** |

|  |
| --- |
| **Jharkhand - Abortions**  |
| **Abortion** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **MTP - Up to 12 weeks of pregnancy** | **2582** | **8168** | **2025** | **1274** | **1716** | **2055** |
| **MTP - More than 12 weeks of pregnancy** | **930** | **845** | **668** | **282** | **249** | **623** |
| **Total MTP in Public Facilities** | **3512** | **9013** | **2693** | **1556** | **1965** | **2678** |
| **Number of MTPs conducted at Private Facilities** | **127** | **4236** | **5113** | **4898** | **7114** | **2787** |
| **Abortions ( Induced/Spontaneous)** | **3619** | **18416** | **12914** | **15750** | **15717** | **9947** |

|  |
| --- |
| **Jharkhand - 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** | **0%** | **37%** | **57%** | **62%** | **63%** | **69%** |
|  **% Women getting a post partum check up between 48 hours and 14 days against total deliveries** | **62%** | **28%** | **41%** | **45%** | **41%** | **38%** |

|  |
| --- |
| **Jharkhand- JSY Payments**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Home Deliveries** | **312,731** | **281,048** | **242,198** | **212,423** | **176,488** | **105,746** |
| **JSY Paid to mothers for Home Deliveries** | **0** | **26693** | **26248** | **19596** | **7795** | **3624** |
| **Jharkhand - JSY paid to mothers -%age of Reported Home deliveries** | **0%** | **9%** | **11%** | **9%** | **4%** | **3%** |
| **Institutional Deliveries(Pub)** | **189,700** | **222,601** | **289,268** | **310,911** | **325,960** | **298,315** |
| **JSY Paid to mothers for Institutional Deliveries(Pub)** | **0** | **126637** | **210716** | **229643** | **274520** | **200158** |
| **Jharkhand - JSY paid to mothers -%age of Reported Institutional deliveries - Public** | **0%** | **57%** | **73%** | **74%** | **84%** | **67%** |
| **Institutional Deliveries(Pvt)** | **701** | **58,417** | **55,868** | **61,318** | **106,414** | **77,547** |
| **JSY Paid to mothers for Institutional Deliveries(Pvt)** | **0** | **14321** | **21463** | **8849** | **3726** | **1420** |
| **Jharkhand - JSY paid to mothers -%age of Reported Institutional deliveries - Pvt** | **0%** | **25%** | **38%** | **14%** | **4%** | **2%** |

|  |
| --- |
| **Jharkhand - Newborn Care**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **803,931** | **815,522** | **823,972** | **824,156** | **832,459** | **851,058** |
| **Reported Live Births** | **497729** | **558766** | **591953** | **589335** | **611197** | **481967** |
| **Jharkhand - %ge Reported Live Births against Estimated Live Births** | **62%** | **69%** | **72%** | **72%** | **73%** | **57%** |
| **Newborns Weighed** | 337,220 | 421,263 | 484,792 | 524,130 | 542,597 | 444,694 |
| **Jharkhand - %ge Newborns weighed against Reported Live Births** | **68%** | **75%** | **82%** | **89%** | **89%** | **92%** |
| **Newborns Weighed Less than 2.5kgs** | 47,633 | 46,020 | 41,487 | 34,915 | 34,334 | 31,088 |
| **Jharkhand - %ge Newborns weighed less than 2.5 Kgs against Newborn weighed** | **10%** | **8%** | **7%** | **6%** | **6%** | **6%** |
| **Newborns Breastfed within 1 hr of Birth** | 5,401 | 340,831 | 491,878 | 539,813 | 559,088 | 453,731 |
| **Jharkhand - %ge Newborns Breastfed within 1 hr of Birth against Reported Live Births** | **1%** | **61%** | **83%** | **92%** | **91%** | **94%** |
| **Still Births** | 6333 | 5466 | 7377 | 10310 | 9255 | 7674 |
| **Abortions - Spontaneous/Induced** | 3619 | 18416 | 12914 | 15750 | 15717 | 9947 |

|  |
| --- |
| **Jharkhand - Child Immunisation ( 0 to 11mnth )**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Estimated Live Births** | **803,931** | **815,522** | **823,972** | **824,156** | **832,459** | **851,058** |
| **Measles Given ( 0 -11 mnth)** | **637320** | **641519** | **750447** | **683121** | **678397** | **492859** |
| **Fully Immunised ( 0 -11 mnth)** | **593240** | **621849** | **564366** | **642252** | **642843** | **475900** |
| **Jharkhand- Fully Immunised ( 0 to 11 mnths) Against Expected Live Births** | **74%** | **76%** | **68%** | **78%** | **77%** | **56%** |
| **Reported Live Births** | 497,729 | 558,766 | 591,953 | 589,335 | 611,197 | 481,967 |
| **Jharkhand- Fully Immunised ( 0 to 11 mnths) Against Reported Live Births** | **119%** | **111%** | **95%** | **109%** | **105%** | **99%** |
| **Deaths Due to Immunisation** | 0 | 1 | 63 | 4 | 3 | 9 |
| **Jharkhand - BCG to Measels Drop out Rate**  | **13%** | **5%** | **0%** | **0%** | **5%** | **2%** |

|  |
| --- |
| **Jharkhand - 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** | **373,921** | **191,138** | **195,408** | **197,797** | **202,217** | **206,735** |
| **Immunisation Sessions held as percentage of required VHNDs** | **87%** | **181%** | **195%** | **198%** | **202%** | **150%** |
|  **% Sessions where ASHAs were present** | **3%** | **69%** | **72%** | **76%** | **80%** | **83%** |
| **Jharkhand - Family Planning**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Male Sterilisations** |  11,598  |  6,889  |  13,178  |  13,029  |  8,730  |  3,251  |
| **Female Sterilisations** |  82,434  |  105,702  |  114,537  |  117,715  |  123,405  |  36,433  |
| **IUD** |  104,135  |  87,982  |  113,934  |  102,803  |  101,157  |  71,371  |
| **OCP Users ( OCP Cycles/13)** |  86,674  |  85,612  |  87,366  |  79,532  |  64,151  |  47,987  |
| **Condom Users ( Condom Pieces/72 )** |  175,348  |  156,946  |  125,275  |  104,754  |  67,061  |  45,472  |
| **Total FP method Users** |  460,190  |  443,130  |  454,290  |  417,833  |  364,504  |  204,514  |
| **% Of FP users Using Limiting Methods** | **20.43%** | **25.41%** | **28.11%** | **31.29%** | **36.25%** | **19.40%** |
| **% Of FP users Using Spacing Methods** | **79.57%** | **74.59%** | **71.89%** | **68.71%** | **63.75%** | **80.60%** |

|  |
| --- |
| **Jharkhand- Service Delivery**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Population** | **31,160,115** | **31,856,314** | **32,568,069** | **32,966,238** | **33,702,791** | **34,455,800** |
| **Total OPD** | - | 8,152,482 | 10,240,760 | 10,815,412 | 11,183,609 | 8,694,898 |
| **Total IPD** | 148,148 | 228,077 | 403,518 | 608,506 | 544,817 | 398,699 |
| **OPD per 1000 population** | **0.00** | **255.91** | **314.44** | **328.08** | **331.83** | **252.35** |
| **IPD per 1000 population** | 4.75 | 7.16 | 12.39 | 18.46 | 16.17 | 11.57 |
| **Operation Major( General and Spinal Anaesthesia)** | 0.00 | 4,304 | 12,268 | 25,659 | 21,901 | 15,722 |
| **Operation Major per 100000 population** | **0.00** | **13.51** | **37.67** | **77.83** | **64.98** | **45.63** |
| **Operation Minor( No or local Anaesthesia)** | - | 16,332 | 27,332 | 35,495 | 42,073 | 34,289 |
| **Operation Minor as % of OPD** | **#DIV/0!** | **0.20%** | **0.27%** | **0.33%** | **0.38%** | **0.39%** |
| **AYUSH** | - | 202,115 | 125,350 | 45,652 | 45,783 | 30,017 |
| **Ayush as % of OPD** | **#DIV/0!** | **2.5%** | **1.2%** | **0.4%** | **0.4%** | **0.3%** |
| **Dental Procedures** | - | 21,412 | 24,421 | 19,833 | 28,218 | 22,049 |
| **Dental Procedures as % of OPD** | **#DIV/0!** | **0.26%** | **0.24%** | **0.18%** | **0.25%** | **0.25%** |
| **Adolescent Counselling** | - | 3,529 | 12,098 | 28,287 | 40,666 | 50,224 |
| **Adolescent Counselling as % of OPD** | **#DIV/0!** | **0.04%** | **0.12%** | **0.26%** | **0.36%** | **0.58%** |

|  |
| --- |
| **Jharkhand - Childhood Diseases**  |
| **Types of Diseases** |  **2008-09**  |  **2009-10**  |  **2010-11**  |  **2011-12**  |  **2012-13**  |  **Apr'13-Dec'13**  |
| **Population** |  **31,160,115**  |  **31,856,314**  |  **32,568,069**  |  **32,966,238**  |  **33,702,791**  |  **34,455,800**  |
| **Diphtheria**  | **33** | **171** | **198** | **186** | **8** | **8** |
| **Pertussis**  | **73** | **311** | **227** | **75** | **33** | **31** |
| **Tetanus Neonatorum** | **12** | **0** | **17** | **62** | **1** | **0** |
| **Tetanus others** | **41** | **52** | **141** | **202** | **2** | **11** |
| **Polio** | **0** | **1** | **6** | **0** | **0** | **0** |
| **Measles** | **248** | **3116** | **5469** | **8405** | **2900** | **1546** |
| **Diarrhoea and dehydration** | **142519** | **39378** | **35266** | **40306** | **30450** | **21250** |
| **Malaria** | **130** | **40526** | **34790** | **38487** | **22504** | **18853** |
| **Number admitted with Respiratory Infections** | **124185** | **8768** | **5616** | **1388** | **843** | **2459** |

|  |
| --- |
| **Jharkhand -Lab Tests**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Total HB tested** |  -  |  117,488  |  440,808  |  560,569  |  567,263  |  546,849  |
| **HB Tested as %age of OPD** | **#DIV/0!** | **719%** | **1613%** | **1579%** | **1348%** | **1595%** |
| **HB <7 gm as %age of HB tested** | **#DIV/0!** | **14.17%** | **8.32%** | **7.32%** | **6.53%** | **5.18%** |
| **Total HIV tested** |  -  |  29,791  |  36,630  |  56,461  |  70,718  |  57,855  |
| **HIV Tested as %age of OPD** | **#DIV/0!** | **182%** | **134%** | **159%** | **168%** | **169%** |
| **HIV Tested positive as %age of HIV tested** | #DIV/0! | 5% | 12% | 58% | 36% | 11% |
| **Total VDRL Tested** |  -  |  7,057  |  21,383  |  82,781  |  68,361  |  29,615  |
| **VDRL Tested as %age of OPD** | **#DIV/0!** | **43.2%** | **78.2%** | **233.2%** | **162.5%** | **86.4%** |
| **Total Widal Test Conducted** | 0 | 7542 | 18216 | 27950 | 32999 | 32713 |
| **Widal Test Conducted as %age of OPD** | **#DIV/0!** | **46.2%** | **66.6%** | **78.7%** | **78.4%** | **95.4%** |
| **Blood Smear Examined** |  -  |  3,184,868  |  2,727,135  |  2,125,113  |  2,332,710  |  1,919,276  |
| **Blood Smear Examined as %age of population** | **0%** | **10%** | **8%** | **6%** | **7%** | **6%** |
| **Jharkhand - 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** | **113** | **234** | **211** | **261** | **152** |
| **Infant deaths between 24 hrs to 4weeks of Birth** | **2622** | **391** | **408** | **271** | **431** | **348** |
| **Infant deaths between 1 month to11months of Birth** | **418** | **163** | **215** | **241** | **416** | **258** |
| **Infant deaths between 1 year to 5 yrs of Birth**  | **399** | **194** | **194** | **203** | **224** | **146** |
| **Total** | **3439** | **861** | **1051** | **926** | **1332** | **904** |

|  |
| --- |
| **Jharkhand - Maternal Deaths**  |
| **2008-09** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Abortions** | **0** | **11** | **17** | **13** | **15** | **11** |
| **Obstructed/prolonged Labour** | **0** | **32** | **34** | **50** | **51** | **33** |
| **Severe Hypertension/Fits** | **0** | **10** | **27** | **27** | **68** | **31** |
| **Bleeding** | **0** | **7** | **27** | **26** | **53** | **45** |
| **High Fever** | **0** | **9** | **24** | **24** | **27** | **17** |
| **Other Causes** | **298** | **55** | **207** | **172** | **220** | **150** |
| **Total deaths** | **298** | **124** | **336** | **312** | **434** | **287** |

|  |
| --- |
| **Jharkhand - Deaths ( others)**  |
|  | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Apr'13-Dec'13** |
| **Diarrhoeal Diseases**  | **218** | **42** | **18** | **31** | **67** | **44** |
| **Tuberculosis** | **0** | **47** | **94** | **90** | **158** | **116** |
| **Respiratory Diseases(Other than TB)** | **0** | **48** | **125** | **151** | **279** | **181** |
| **Malaria**  | **0** | **37** | **65** | **65** | **74** | **67** |
| **Other fever Related** | **0** | **139** | **322** | **321** | **550** | **314** |
| **HIV/AIDS** | **0** | **5** | **13** | **11** | **14** | **11** |
| **Heart Disease/ Hypertension related**  | **0** | **104** | **236** | **217** | **490** | **338** |
| **Neurological Disease including strokes**  | **0** | **40** | **120** | **116** | **193** | **146** |
| **Trauma/Accidents/ Burn Cases** | **2** | **83** | **243** | **391** | **653** | **447** |
| **Suicide**  | **0** | **30** | **82** | **98** | **199** | **140** |
| **Animal Bites & Stings**  | **2** | **24** | **71** | **73** | **107** | **153** |
| **Known Acute Disease**  | **0** | **99** | **367** | **358** | **439** | **304** |
| **Known Chronic Disease**  | **0** | **113** | **397** | **426** | **698** | **524** |
| **Causes not known**  | **0** | **738** | **1467** | **1281** | **2685** | **2179** |
|  **Total Deaths**  | **222** | **1549** | **3620** | **3629** | **6606** | **4964** |