**Bihar 2016 Correlation Results**

**Primary: Basic Malnutrition Outcome /Dependent Variables**

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|  | **Stunting r** | **P value** | **Wasting r** | **P value** | **Severe Wasting r** | **P value** | **Underweight r** | **P value** |
| **Demographic** |  |  |  |  |  |  |  |  |
| Population Density |  |  |  |  |  |  |  |  |
| Sex Ratio | -0.339 | 0.04 | -0.22 | 0.19 |  |  | -0.372 | 0.02 |
| Literacy |  |  |  |  |  |  |  |  |
| Female Literacy | -0.308 | 0.05 |  |  |  |  |  |  |
| Women 10 | -0.277 | 0.09 |  |  | **0.225** | **0.18** |  |  |
|  |  |  |  |  |  |  |  |  |
| Rural Population | 0.216 | 0.1 | -0.349 | 0.03 | -0.214 | 0.2 |  |  |
| Woman married before 18 | 0.478 | <0.001 |  |  |  |  | 0.32 | 0.05 |

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|  | **Stunting r** | **P value** | **Wasting r** | **P value** | **Severe Wasting r** | **P value** | **Underweight r** | **P value** |
| **Economic** |  |  |  |  |  |  |  |  |
| Per capita income | -0.245 | 0.14 | 0.247 | 0.13 |  |  |  |  |
| Health Exp(per capita) |  |  | 0.431 | 0.01 | 0.35 | 0.03 | 0.363 | 0.03 |
| BPL |  |  | 0.353 | 0.03 | 0.384 | 0.02 | 0.379 | 0.02 |
| Gross per Capita GDP | -0.245 | 0.14 | 0.25 | 0.13 | 0.207 | 0.21 |  |  |
| Unemployment |  |  |  |  |  |  |  |  |
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|  | **Stunting r** | **P value** | **Wasting r** | **P value** | **Severe Wasting r** | **P value** | **Underweight r** | **P value** |
| **Health of Mother & Child** |  |  |  |  |  |  |  |  |
| Full ANC | -0.412 | 0.01 |  |  |  |  | **-0.228** | **0.17** |
|  |  |  |  |  |  |  |  |  |
| Women BMI<18.5 | 0.485 | 0.001 |  |  | 0.978 | 0.64 | 0.512 | 0.001 |
| Woman Anemia |  |  | 0.236 | 0.15 |  |  | 0.231 | 0.16 |
|  |  |  |  |  |  |  |  |  |
| Full Immunization |  |  | **0.257** | **0.12** | 0.316 | 0.05 | **0.265** | **0.11** |
| Diarrhoea |  |  | -0.526 | 0.001 | -0.419 | 0.01 | -0.438 | 0.01 |
| ARI | -0.313 | 0.06 | -0.355 | 0.03 | -0.351 | 0.03 | -0.411 | 0.01 |

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|  | **Stunting r** | **P value** | **Wasting r** | **P value** | **Severe Wasting r** | **P value** | **Underweight r** | **P value** |
| **Child Feeding Practices** |  |  |  |  |  |  |  |  |
| Breast fed in 1 hr | 0.329 | 0.04 |  |  |  |  | 0.298 | 0.07 |
| Exclusive breast Feeding | -0.296 | 0.07 | -0.279 | 0.09 |  |  | -0.386 | 0.02 |
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|  |  |  |  |  |  |  |  |  |
| Colostrum recd % |  |  |  |  |  |  | 0.233 | 0.17 |
| Adequate diet |  |  |  |  |  |  |  |  |
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|  | **Stunting r** | **P value** | **Wasting r** | **P value** | **Severe Wasting r** | **P value** | **Underweight r** | **P value** |
| **Health Facilities** |  |  |  |  |  |  |  |  |
| Full ANC | -0.412 | 0.01 |  |  |  |  | **-0.228** | **0.17** |
| Full Immunization |  |  | **0.257** | **0.12** | 0.316 | 0.05 | **0.265** | **0.11** |
| AWW Availability |  |  | -0.276 | 0.1 | -0.193 | 0.25 |  |  |
|  |  |  |  |  |  |  |  |  |
| **Other Facilities** |  |  |  |  |  |  |  |  |
| Water |  |  | -0.411 | 0.01 | -0.205 | 0.22 |  |  |
| Sanitation | -0.194 | 0.24 |  |  |  |  |  |  |
| Electricity |  |  |  |  |  |  |  |  |