

**GOVERNMENT OF INDIA  
MINISTRY OF HEALTH AND FAMILY WELFARE  
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**RAJYA SABHA  
UNSTARRED QUESTION NO. 4115  
TO BE ANSWERED ON 3<sup>RD</sup> APRIL, 2018**

**LATEST DATA ON IMR**

**4115. SHRI P.L. PUNIA:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) the latest data on Infant Mortality Rate (IMR) in the country, category-wise, rural, urban, SC, ST and others, for each State;
- (b) the latest data on neo-natal mortality rate in the country, category-wise, rural, urban, SC, ST and others, for each State;
- (c) the latest data on under-five mortality rate in the country, category-wise, rural, urban, SC, ST and others, for each State; and
- (d) the schemes/programmes/funds launched/released to check high child mortality rate during the last four years and the current year, Scheme and State/ UT-wise?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(ASHWINI KUMAR CHOUBEY)**

(a) to (c): As per Sample Registration System of Registrar General of India, the Under Five Mortality Rate in India is 39/1000 live births, Infant Mortality Rate is 34/1000 live births and Neonatal Mortality Rate is 24/1000 live births in the year 2016 (Annexure 1-3)  
The detailed category wise data as per National Family Health Survey 2015-16 (NFHS 4) is placed at annexure 4-6.

(d) Health is a state subject, however to reduce Child Mortality various programmes and schemes under National Health Mission being implemented by States/ UTs are as follows:

- (1) Promotion of Institutional deliveries through cash incentive under Janani Suraksha Yojana (JSY) and Janani Shishu Suraksha Karyakaram (JSSK) which entitles all pregnant women delivering in public health institutions to absolutely free ante-natal check-ups, delivery including Caesarean section, post-natal care and treatment of sick infants till one year of age.
- (2) Strengthening of delivery points for providing comprehensive and quality Reproductive, Maternal, Newborn, Child and Adolescent Health (RMNCH+A) Services, ensuring essential newborn care at all delivery points, establishment of Special Newborn Care Units (SNCU), Newborn Stabilization Units (NBSU) and Kangaroo Mother Care (KMC) units for care of sick and small babies. Home Based Newborn Care (HBNC) is being provided by ASHAs to improve child rearing practices. India Newborn Action Plan (INAP) was launched in 2014 to make concerted efforts towards attainment of the goals of “Single Digit Neonatal Mortality Rate” and “Single Digit Stillbirth Rate”, by 2030.

- (3) Early initiation and exclusive breastfeeding for first six months and appropriate Infant and Young Child Feeding (IYCF) practices are promoted in convergence with Ministry of Women and Child Development. Village Health and Nutrition Days (VHNDs) are observed for provision of maternal and child health services and creating awareness on maternal and child care including health and nutrition education. Mothers' Absolute Affection (MAA) programme for improving breastfeeding practices (Initial Breastfeeding within one hour, Exclusive Breastfeeding up to six months and complementary feeding up to two years) through mass media campaigns and capacity building of health care providers in health facilities as well as in communities.
- (4) Universal Immunization Programme (UIP) is being supported to provide vaccination to children against many life threatening diseases such as Tuberculosis, Diphtheria, Pertussis, Polio, Tetanus, Hepatitis B and Measles. "Mission Indradhanush and Intensified Mission Indradhanush" was launched to fully immunize children who are either unvaccinated or partially vaccinated; those that have not been covered during the rounds of routine immunization for various reasons. Measles Rubella Campaign is being undertaken in select States for children from 9 months to 15 years of age with the aim of eliminating Measles by 2020.
- (5) Name based tracking of mothers and children till two years of age (Mother and Child Tracking System) is done to ensure complete antenatal, intranatal, postnatal care and complete immunization as per schedule
- (6) Rashtriya Bal Swasthya Karyakram (RBSK) for health screening, early detection of birth defects, diseases, deficiencies, development delays and early intervention services has been Operationalized to provide comprehensive care to all the children in the age group of 0-18 years in the community.
- (7) Nutrition Rehabilitation Centres (NRCs) have been set up at public health facilities to treat and manage the children with Severe Acute Malnutrition (SAM) admitted with medical complications.
- (8) Iron and folic acid (IFA) supplementation for the prevention of anaemia among the vulnerable age groups, home visits by ASHAs to promote exclusive breast feeding and promote use of ORS and Zinc for management of diarrhoea in children.
- (9) Health and nutrition education through Information, Education & Communication (IEC) and Behaviour Change Communication (BCC) to promote healthy practices and create awareness to generate demand and improve service uptake.
- (10) Capacity building of health care providers: Various trainings are being conducted to build and upgrade the skills of health care providers in basic and comprehensive obstetric care of mother during pregnancy, delivery and essential new-born care.

Details of Fund Allocation and expenditure in last four financial years are placed at Annexure 7.

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State-wise Infant Mortality Rate				
S. No.	States/UTs	2016		
		Total	Rural	Urban
	<b>India</b>	<b>34</b>	<b>38</b>	<b>23</b>
1	Andhra Pradesh	34	38	24
2	Assam	44	46	22
3	Bihar	38	39	29
4	Chhattisgarh	39	41	31
5	Delhi	18	24	17
6	Gujarat	30	38	19
7	Haryana	33	35	27
8	Jammu & Kashmir	24	25	23
9	Jharkhand	29	31	21
10	Karnataka	24	27	19
11	Kerala	10	10	10
12	Madhya Pradesh	47	50	33
13	Maharashtra	19	24	13
14	Odisha	44	46	34
15	Punjab	21	23	18
16	Rajasthan	41	45	30
17	Tamil Nadu	17	20	14
18	Telangana	31	35	24
19	Uttar Pradesh	43	46	34
20	Uttarakhand	38	41	29
21	West Bengal	25	25	22
22	Arunachal Pradesh	36	38	23
23	Goa	8	10	7
24	Himachal Pradesh	25	25	19
25	Manipur	11	12	10
26	Meghalaya	39	40	26
27	Mizoram	27	35	14
28	Nagaland	12	11	14
29	Sikkim	16	18	13
30	Tripura	24	21	32
31	A & N Islands	16	12	22
32	Chandigarh	14	6	14
33	D & N Haveli	17	24	12
34	Daman & Diu	19	18	19
35	Lakshadweep	19	16	20
36	Puducherry	10	16	8

<b>State-wise Neo-natal Mortality Rate</b>			
<b>States</b>	<b>2016</b>		
	<b>Total</b>	<b>Rural</b>	<b>Urban</b>
<b>India</b>	<b>24</b>	<b>27</b>	<b>14</b>
Andhra Pradesh	23	27	11
Assam	23	24	13
Bihar	27	28	17
Chhattisgarh	26	27	20
Delhi	12	16	12
Gujarat	21	27	13
Haryana	22	24	16
Himachal Pradesh	16	16	15
Jammu & Kashmir	18	19	15
Jharkhand	21	23	13
Karnataka	18	22	10
Kerala	6	7	4
Madhya Pradesh	32	35	20
Maharashtra	13	17	9
Odisha	32	33	24
Punjab	13	13	12
Rajasthan	28	31	17
Tamil Nadu	12	16	9
Telangana	21	25	15
Uttar Pradesh	30	32	19
Uttarakhand	30	32	24
West Bengal	17	17	14

<b>State wise Under-5 Mortality Rate</b>			
<b>States</b>	<b>2016</b>		
	<b>Total</b>	<b>Rural</b>	<b>Urban</b>
<b>India</b>	<b>34</b>	<b>43</b>	<b>25</b>
Andhra Pradesh	37	41	26
Assam	52	56	23
Bihar	43	44	34
Chhattisgarh	49	53	32
Delhi	22	24	22
Gujarat	33	42	19
Haryana	37	41	29
Himachal Pradesh	27	28	22
Jammu & Kashmir	26	27	23
Jharkhand	33	35	26
Karnataka	29	33	20
Kerala	11	12	10
Madhya Pradesh	55	60	35
Maharashtra	21	27	14
Orissa	50	52	38
Punjab	24	25	23
Rajasthan	45	49	33
Tamil Nadu	19	23	15
Telangana	34	38	26
Uttar Pradesh	47	50	37
Uttarakhand	41	45	31
West Bengal	27	29	23

<b>Infant Mortality Rate for the five-year period preceding the survey, by residence and caste/tribe, NFHS, 2015-16</b>							
<b>State/UTs</b>	<b>Infant Mortality Rate</b>						
	<b>Urban</b>	<b>Rural</b>	<b>Scheduled caste</b>	<b>Scheduled tribe</b>	<b>Other backward class</b>	<b>Other</b>	<b>Total</b>
<b>India</b>	28.5	45.5	45.2	44.4	42.1	32.1	40.7
<b>North</b>							
Delhi	35.0	*	(15.2)	*	(51.4)	30.7	34.7
Haryana	31.4	33.6	31.3	*	35.9	28.1	32.8
Himachal Pradesh	*	35.3	43.9	(49.6)	(29.6)	29.5	34.3
Jammu & Kashmir	36.7	31.1	31.7	37.5	(20.9)	32.2	32.4
Punjab	22.2	33.9	39.6	*	20.5	22.4	29.2
Rajasthan	30.7	44.2	50.2	39.5	41.0	31.9	41.3
Uttarakhand	44.0	38.1	38.9	*	53.2	32.4	40.0
<b>Central</b>							
Chhattisgarh	44.4	56.4	41.7	65.8	53.6	23.5	54.0
Madhya Pradesh	43.9	53.9	54.3	58.9	51.7	34.6	51.4
Uttar Pradesh	51.9	66.6	67.7	40.8	63.5	60.2	63.6
<b>East</b>							
Bihar	34.3	49.7	60.2	47.1	46.8	35.4	48.2
Jharkhand	33.7	46.3	50.4	46.8	42.7	28.2	43.9
Odisha	20.9	43.3	37.0	51.8	36.7	31.5	40.1
West Bengal	16.2	31.9	27.9	(46.1)	32.7	23.8	27.5
<b>Northeast</b>							
Arunachal Pradesh	18.6	24.0	(24.2)	21.0	*	35.2	22.8
Assam	28.3	49.9	41.3	41.6	46.0	50.1	47.7
Manipur	15.9	24.7	(26.1)	27.8	18.0	17.4	21.7
Meghalaya	15.5	32.1	*	26.8	*	*	29.9
Mizoram	31.2	49.7	*	41.2	*	*	40.0
Nagaland	20.6	32.9	*	28.2	*	*	29.5
Sikkim	*	37.7	*	(44.1)	(32.9)	(7.8)	29.5
Tripura	(11.6)	31.5	*	(27.5)	*	(24.6)	26.7
<b>West</b>							
Goa	*	*	*	*	*	*	(12.9)
Gujarat	27.3	38.8	43.9	29.3	36.1	28.3	34.2
Maharashtra	23.5	24.3	31.7	32.8	21.8	19.1	23.9
<b>South</b>							
Andhra Pradesh	20.1	40.4	33.1	*	29.2	41.3	34.9
Karnataka	19.5	33.4	33.0	37.7	26.4	20.9	27.7
Kerala	5.8	5.4	*	*	7.1	3.9	5.6
Tamil Nadu	17.8	22.6	23.6	*	18.4	*	20.3
Telangana	20.3	38.2	(32.8)	*	30.8	(11.5)	29.8

( ) Based on 250-499 unweighted person-years of exposure to the risk of death

\* Rate not shown; based on fewer than 250 unweighted person-years of exposure to the risk of death

<b>Neonatal Mortality Rate for the five-year period preceding the survey, by residence and caste/tribe, NFHS, 2015-16</b>							
<b>State/UTs name</b>	<b>Neonatal Mortality Rate</b>						
	<b>Urban</b>	<b>Rural</b>	<b>Scheduled caste</b>	<b>Scheduled tribe</b>	<b>Other backward class</b>	<b>Other</b>	<b>Total</b>
<b>India</b>	20.1	33.1	33.0	31.3	30.5	23.2	29.5
<b>North</b>							
Delhi	19.9	*	(13.2)	*	(29.6)	15.9	19.7
Haryana	20.1	23.2	21.1	*	22.6	21.4	22.1
Himachal Pradesh	*	26.1	32.4	(20.7)	(27.9)	21.4	25.5
Jammu & Kashmir	28.7	21.4	30.0	23.2	(19.5)	22.5	23.2
Punjab	17.1	24.0	27.0	*	16.9	17.1	21.2
Rajasthan	20.4	32.3	36.4	26.3	30.3	23.7	29.8
Uttarakhand	33.4	25.7	28.3	*	40.0	20.7	28.1
<b>Central</b>							
Chhattisgarh	38.1	43.1	38.2	48.3	42.4	17.9	42.1
Madhya Pradesh	31.4	38.9	39.6	43.1	37.0	23.7	37
Uttar Pradesh	36.7	47.4	47.1	29.0	45.9	42.2	45.2
<b>East</b>							
Bihar	28.0	37.7	46.5	40.6	35.0	27.7	36.7
Jharkhand	25.4	34.9	40.9	32.8	32.8	19.3	33.1
Odisha	17.3	30.3	28.3	35.5	26.2	21.6	28.4
West Bengal	10.9	26.3	22.7	(44.1)	23.2	18.4	22
<b>Northeast</b>							
Arunachal Pradesh	9.1	12.5	(11.2)	9.8	*	21.7	11.8
Assam	15.9	34.8	27.3	23.4	34.6	34.8	32.9
Manipur	12.7	17.0	(21.1)	19.2	14.1	12.8	15.6
Meghalaya	4.4	20.4	*	14.2	*	*	18.3
Mizoram	11.6	11.0	*	11.6	*	*	11.3
Nagaland	11.4	18.3	*	14.8	*	*	16.4
Sikkim	(11.0)	25.5	*	(32.8)	(20.3)	(7.8)	20.8
Tripura	(2.3)	16.8	(20.3)	(14.1)	*	(12.0)	13.2
<b>West</b>							
Goa	*	*	*	*	*	*	(12.9)
Gujarat	24.5	28.4	36.4	18.0	30.1	21.0	26.8
Maharashtra	15.6	17.1	17.4	21.6	14.0	15.7	16.5
<b>South</b>							
Andhra Pradesh	13.1	27.5	22.6	*	20.8	24.8	23.6
Karnataka	14.0	22.8	26.4	24.3	18.1	12.2	19.2
Kerala	4.4	4.4	*	*	5.3	3.9	4.4
Tamil Nadu	11.1	16.9	17.4	*	12.3	*	14.2
Telangana	12.2	30.6	(28.9)	*	20.1	(9.5)	21.9
( ) Based on 250-499 unweighted person-years of exposure to the risk of death							
* Rate not shown; based on fewer than 250 unweighted person-years of exposure to the risk of death							

<b>Under-five Mortality Rate for the five-year period preceding the survey, by residence and caste/tribe, NFHS, 2015-16</b>							
State/UTs name	Under-five Mortality Rate						
	Urban	Rural	Scheduled caste	Scheduled tribe	Other backward class	Other	Total
<b>India</b>	34.4	55.8	55.8	57.2	50.8	38.5	49.7
<b>North</b>							
Delhi	47.3	*	(26.3)	*	(59.8)	44.8	46.9
Haryana	36.5	43.9	42.0	*	43.0	34.0	41.1
Himachal Pradesh	*	38.8	46.5	(56.9)	(29.6)	33.8	37.6
Jammu & Kashmir	41.4	36.4	42.3	49.3	(20.9)	35.8	37.6
Punjab	24.5	39.0	45.9	*	23.7	24.2	33.2
Rajasthan	36.7	54.4	61.8	57.8	48.1	35.4	50.7
Uttarakhand	48.8	45.9	43.8	*	67.7	34.8	46.7
<b>Central</b>							
Chhattisgarh	51.0	67.7	56.4	80.0	60.5	27.6	64.2
Madhya Pradesh	52.3	69.2	69.6	78.5	62.6	42.8	64.9
Uttar Pradesh	62.0	82.3	85.5	60.7	77.4	71.7	78.1
<b>East</b>							
Bihar	40.4	60.1	73.0	52.5	56.1	44.6	58.1
Jharkhand	38.2	58.4	59.5	64.0	50.5	36.4	54.5
Odisha	25.2	52.6	45.7	65.6	42.9	35.2	48.6
West Bengal	16.4	37.8	32.9	(51.9)	37.8	27.4	31.8
<b>Northeast</b>							
Arunachal Pradesh	25.0	34.8	(34.8)	31.1	*	45.7	32.8
Assam	39.7	58.5	50.2	51.0	56.1	57.6	56.6
Manipur	18.2	29.9	(26.1)	33.5	21.7	20.7	25.9
Meghalaya	20.0	42.7	*	37.5	*	*	39.7
Mizoram	34.7	58.1	*	46.5	*	*	45.9
Nagaland	24.9	42.1	*	36.1	*	*	37.3
Sikkim	*	39.2	*	(50.5)	(34.6)	(7.8)	32.2
Tripura	(21.3)	36.4	*	(30.8)	*	(32.4)	32.6
<b>West</b>							
Goa	*	*	*	*	*	*	(12.9)
Gujarat	32.1	51.1	51.3	43.9	44.3	36.6	43.5
Maharashtra	27.5	30.3	35.3	41.4	25.6	24.4	29.1
<b>South</b>							
Andhra Pradesh	29.3	44.9	44.1	*	33.3	47.5	40.8
Karnataka	23.8	38.0	39.3	42.3	31.2	23.0	32.2
Kerala	8.1	6.0	*	*	7.5	7.2	7.1
Tamil Nadu	23.4	30.2	31.0	*	24.8	*	26.9
Telangana	24.9	41.3	(32.8)	*	35.8	*	33.6

( ) Based on 250-499 unweighted person-years of exposure to the risk of death

\* Rate not shown; based on fewer than 250 unweighted person-years of exposure to the risk of death



## Annexure: 7

Statement Showing State-wise Release and Expenditure under NHM for the F.Y. 2014-15 to 2017-18

Rs. in crore									
S. No.	States	2014-15		2015-16		2016-17		2017-18	
		Release	Exp	Release	Exp	Release	Exp	Release	Exp
1	Andaman & Nicobar Islands	23.36	24.33	37.30	11.47	44.81	28.83	22.29	10.66
2	Andhra Pradesh	519.73	902.91	643.52	1,090.17	590.14	1,247.63	635.96	911.02
3	Arunachal Pradesh	139.41	69.50	162.65	146.27	160.35	165.16	119.42	75.61
4	Assam	877.13	915.88	971.35	1,186.01	1,040.46	1,331.77	994.65	625.61
5	Bihar	1,148.32	1,427.40	1,159.49	1,621.67	958.11	1,536.72	815.55	582.88
6	Chandigarh	12.15	15.26	23.89	20.98	21.22	20.36	15.15	17.00
7	Chhattisgarh	500.41	716.04	412.26	758.28	575.05	987.40	576.75	621.24
8	Dadra & Nagar Haveli	8.40	8.56	14.37	15.54	16.99	17.22	15.71	14.72
9	Daman & Diu	6.91	7.67	10.53	15.69	11.25	9.97	9.67	5.88
10	Delhi	154.04	222.64	163.80	137.29	234.38	147.56	140.71	180.41
11	Goa	26.03	29.50	16.77	24.92	19.29	40.52	19.25	27.14
12	Gujarat	832.86	873.66	693.78	1,272.42	844.90	1,376.91	905.46	821.75
13	Haryana	273.60	438.18	291.96	493.23	310.46	510.00	271.61	323.93
14	Himachal Pradesh	185.84	306.92	246.49	281.26	209.30	343.39	308.03	274.11
15	Jammu & Kashmir	335.51	393.29	367.90	420.94	357.30	414.43	438.98	343.33
16	Jharkhand	359.62	372.01	411.50	590.18	391.70	570.60	399.57	374.68
17	Karnataka	697.24	858.18	740.45	1,141.61	695.77	1,268.33	1,015.98	1,052.65
18	Kerala	521.99	509.83	304.14	632.88	445.06	737.69	472.93	477.37
19	Lakshadweep	5.08	1.36	5.69	2.72	3.81	4.32	4.61	1.97
20	Madhya Pradesh	1,162.50	1,738.02	1,132.19	2,046.60	1,458.76	1,956.84	1,357.96	1,279.86
21	Maharashtra	1,431.76	1,834.40	1,085.92	1,734.44	1,221.34	1,773.47	1,395.91	1,184.03
22	Manipur	128.81	86.91	112.16	105.51	78.50	78.99	88.00	64.13
23	Meghalaya	104.13	70.72	102.22	133.55	159.86	145.68	108.03	117.56
24	Mizoram	103.28	93.29	94.68	95.57	80.66	90.45	74.27	67.96
25	Nagaland	114.92	63.04	104.85	81.05	94.88	134.55	85.68	63.91
26	Orissa	667.16	944.10	652.62	1,205.77	685.20	1,255.88	748.70	800.90
27	Puducherry	22.56	23.35	18.61	21.77	35.50	32.56	28.01	19.17
28	Punjab	379.35	460.59	295.23	649.49	284.99	687.75	339.99	298.49
29	Rajasthan	1,115.96	1,722.69	1,287.84	1,799.11	1,204.84	1,856.77	1,298.48	1,218.35

Statement Showing State-wise Release and Expenditure under NHM for the F.Y. 2014-15 to 2017-18

Rs. in crore									
S. No.	States	2014-15		2015-16		2016-17		2017-18	
		Release	Exp	Release	Exp	Release	Exp	Release	Exp
30	Sikkim	51.60	41.36	41.01	50.71	41.67	50.57	34.80	24.39
31	Tamil Nadu	952.75	2,248.06	1,093.22	1,633.37	752.76	1,816.97	932.97	1,411.75
32	Tripura	123.11	130.15	136.29	118.77	123.89	141.27	93.06	63.99
33	Uttar Pradesh	2,431.06	3,671.26	2,862.83	4,451.78	3,095.17	4,901.10	2,785.76	3,087.21
34	Uttarakhand	270.55	324.42	276.41	335.95	260.87	346.01	247.90	117.40
35	West Bengal	1,058.62	1,196.78	959.51	1,487.62	741.99	1,743.92	1,003.20	877.33
36	Telangana	378.72	334.68	436.63	505.55	384.47	687.15	254.03	580.09
<b>Total</b>		<b>17,124.48</b>	<b>23,076.94</b>	<b>17,370.07</b>	<b>26,320.13</b>	<b>17,635.67</b>	<b>28,458.73</b>	<b>18,059.02</b>	<b>18,018.48</b>

Note:

1. Release for the F.Y. 2017-18 is updated up to 19.02.2018 and is provisional.

2. The above releases relate to Central Govt. Grants & do not include State share contribution and Kind Grants under Immunization.

3. Expenditure includes expenditure against central Release, State release & unspent balances at the beginning of the year. Expenditure for the F.Y. 2017-18 (up to 31.12.2017 as per FMR) are provisional.

