

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

**LOK SABHA
UNSTARRED QUESTION NO. 2610
TO BE ANSWERED ON THE 4TH AUGUST 2023**

‘ANAEMIA MukT BHARAT PROGRAMME’

†2610. SHRI RAJENDRA AGRAWAL:

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

- (a) the salient features of Anaemia MukT Bharat Programme and the progress made under it since its inception, State/UT-wise;
- (b) the funds allocated and utilized since the year 2019 under Anaemia MukT Bharat Programme and Poshan Abhiyan, State/UT-wise;
- (c) whether 67 per cent boys and 59 per cent girls upto the age of five are anaemic; and
- (d) if so, the steps taken/proposed to be taken by the Government for elimination of this disease?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY
WELFARE
(DR. BHARATI PRAVIN PAWAR)**

(a)

The Government implements Anaemia MukT Bharat (AMB) programme to reduce anaemia in children, adolescents and women in life cycle approach. The salient features of Anaemia MukT Bharat Programme are provided at Annexure I and the State/UT-wise progress made since its inception in the year 2018 is provided at Annexure II.

(b)

The State/UT-wise statement of funds allocated and utilized from FY 2019-20 to FY 2022-23 under Anaemia MukT Bharat programme is provided at Annexure III and under POSHAN Abhiyan is provided at Annexure IV.

(c)

As per National Family Health Survey-5 (NFHS-5, 2019-21), the prevalence of anaemia is 67.2 percent among male children aged 6-59 months and 67.0 percent among female children aged 6-59 months.

(d)

The steps taken by the Ministry of Health and Family Welfare to address the problem of anaemia are:

- i. Prophylactic Iron Folic Acid Supplementation to all six beneficiaries age group
- ii. Deworming among children and adolescents in age group 1-19 years
- iii. Intensified year-round Behaviour Change Communication (BCC) Campaign
- iv. Testing of anaemia, using digital invasive haemoglobinometer and point of care treatment
- v. Addressing non-nutritional causes of anaemia in endemic pockets with special focus on malaria, hemoglobinopathies and fluorosis
- vi. Management of severe anaemia in pregnant women by administration of IV Iron Sucrose/ Blood transfusion
- vii. Providing incentives to the ANM for identification and follow-up of pregnant women with severe anaemia in high priority districts (HPDs)
- viii. Convergence and coordination with other line departments and ministries for strengthening implementation
- ix. National Centre of Excellence and Advanced Research on Anaemia Control (NCEAR-A) at AIIMS, Delhi engaged in capacity building of health care providers

Salient features of Anaemia Mukht Bharat (AMB) Programme

- The 6X6X6 AMB strategy aims to reduce anaemia among six beneficiaries age group through implementation of six interventions and six institutional mechanisms.
- The six beneficiaries age groups are Children 6-59 months, Children 5-9 years, Adolescents 10-19 years, Women of Reproductive Age (15-49 years), Pregnant Women and Lactating women
- The six interventions are –
 1. Prophylactic Iron and Folic Acid Supplementation in all six target age groups
 2. Deworming among children 1-19 years
 3. Intensified year-round Behaviour Change Communication (BCC) Campaign for: (a) improving compliance to Iron Folic Acid supplementation and deworming, (b) enhancing appropriate infant and young child feeding practices, (c) encouraging increase in intake of iron-rich food through diet diversity/quantity/frequency and/or fortified foods with focus on harnessing locally available resources, and (d) ensuring delayed cord clamping after delivery (by 3 minutes) in health facilities
 4. Testing and treatment of anaemia, using digital methods (Digital Invasive Haemoglobinometer) and point of care treatment, with special focus on pregnant women and school-going adolescents
 5. Addressing non-nutritional causes of anaemia in endemic pockets with special focus on malaria, haemoglobinopathies and fluorosis
 6. Provision of IFA fortified food in public health programmes, with focus on harnessing locally available resources
- The six institutional mechanism are Inter-ministerial coordination, Convergence with other Ministries, Strengthening Supply Chain and logistics, monitoring through Anaemia Mukht Bharat dashboard; Engagement of National Centre of Excellence and Advanced Research on Anaemia Control at AIIMS, Delhi for capacity building of health care providers, National Anaemia Mukht Bharat Unit

Annexure II

Progress made for Iron and Folic Acid (IFA) Coverage among beneficiaries age groups from FY 2018-19 and FY 2022-23 (Source: HMIS)

a) IFA coverage among beneficiaries age group for FY 2018-19

Iron and Folic Acid (IFA) Coverage for FY 2018-19					
State/UT	% IFA coverage of children (6-59 months) provided 8-10 doses (1ml) of IFA syrup (Bi weekly)	% IFA coverage of children (5 - 9 years) provided 4-5 IFA Pink tablets	% IFA coverage of children (10 -19 years) provided 4 IFA Blue tablets	% IFA coverage of Pregnant Women provided 180 IFA Red tablets	% IFA coverage of lactating mothers provided 180 IFA Red tablets
A & N Islands	11.9	0.0	0.0	72.3	76.0
Andhra Pradesh	11.8	95.0	95.0	95.0	63.0
Arunachal Pradesh	0.0	3.7	1.6	44.9	42.4
Assam	22.2	52.9	50.4	95.0	62.0
Bihar	0.0	0.0	0.3	69.0	25.0
Chandigarh	2.2	0.0	26.4	90.2	95.0
Chhattisgarh	5.4	2.5	48.2	95.0	58.9
DNH	80.8	95.0	23.1	85.9	95.0
Daman & Diu	0.2	24.2	95.0	95.0	37.5
Delhi	0.1	0.0	0.0	51.3	50.2
Goa	0.0	0.0	21.4	72.5	86.2
Gujarat	19.7	27.3	43.9	95.0	72.5
Haryana	3.0	0.0	51.9	59.5	29.0
Himachal Pradesh	10.7	1.1	4.9	79.9	59.8
Jammu & Kashmir	0.7	0.2	0.3	35.5	35.4
Jharkhand	2.0	13.3	26.7	93.1	52.1
Karnataka	2.3	2.4	10.9	95.0	57.4
Kerala	0.6	0.0	36.3	94.3	27.8
Lakshadweep	0.0	0.0	0.0	95.0	47.2
Madhya Pradesh	16.7	57.9	53.0	92.1	50.0
Maharashtra	7.9	25.8	57.0	94.2	58.6
Manipur	0.1	4.1	3.3	38.8	12.6
Meghalaya	0.4	0.0	19.8	33.5	43.0
Mizoram	0.2	5.2	41.0	39.4	10.7
Nagaland	0.1	0.5	21.1	15.6	9.8
Odisha	17.9	23.3	28.3	82.8	43.0
Puducherry	6.9	4.3	61.8	48.5	78.9
Punjab	9.6	18.7	46.0	55.0	37.6
Rajasthan	4.0	1.7	3.9	45.2	29.0
Sikkim	2.1	1.5	72.5	69.7	95.0
Tamil Nadu	3.2	21.8	78.3	95.6	32.8
Telangana	0.0	0.0	1.3	95.0	88.8
Tripura	0.0	0.9	7.1	56.5	18.3
Uttar Pradesh	0.4	14.8	12.2	95.0	23.6
Uttarakhand	0.1	0.8	2.6	31.8	12.4
West Bengal	55.8	7.5	9.9	88.8	74.4

(b) IFA coverage among beneficiaries age group for FY 2022-23

Iron and Folic Acid (IFA) Coverage for FY 2022-23					
State/UT	% IFA coverage of children (6-59 months) provided 8-10 doses (1ml) of IFA syrup (Bi weekly)	% IFA coverage of children (5 - 9 years) provided 4 -5 IFA Pink tablets	% IFA coverage of children (10-19 years) provided 4 IFA Blue tablets	% IFA coverage of Pregnant Women provided 180 IFA Red tablets	% IFA coverage of lactating mothers provided 180 IFA Red tablets
A & N Islands	7.0	50.2	82.9	95.0*	39.9
Andhra Pradesh	41.2	34.2	39.6	95.0	36.5
Arunachal Pradesh	0.0	0.1	0.1	74.1	53.5
Assam	41.1	95.0	53.7	95.0	76.3
Bihar	3.4	7.0	18.8	81.1	44.6
Chandigarh	35.0	34.8	25.5	64.5	51.4
Chhattisgarh	78.5	83.6	37.1	95.0	74.4
D&NH and DD	1.2	15.7	88.7	95.0*	95.0*
Delhi	0.0	0.0	0.0	94.3	32.7
Goa	7.5	23.3	55.3	83.5	87.5
Gujarat	29.3	54.1	57.1	95.0	71.5
Haryana	81.7	35.0	87.3	87.1	53.3
Himachal Pradesh	46.6	58.5	45.6	80.9	62.8
Jammu and Kashmir	52.8	63.3	56.9	91.9	47.0
Jharkhand	33.3	35.4	73.1	91.3	75.3
Karnataka	10.8	36.8	26.5	95.0	80.9
Kerala	15.6	2.8	3.0	95.0	59.2
Ladakh	5.8	1.4	8.7	95.0*	46.1
Lakshadweep	6.3	3.6	22.8	83.8	38.7
Madhya Pradesh	60.6	84.8	78.7	95.0	60.1
Maharashtra	67.2	51.9	34.0	95.0	80.2
Manipur	0.1	5.5	3.4	33.2	17.0
Meghalaya	1.2	0.2	4.3	67.9	95.0
Mizoram	0.2	10.8	30.3	73.3	28.6
Nagaland	0.0	0.6	7.3	60.7	36.4
Odisha	71.1	68.7	48.1	94.8	72.2
Puducherry	26.6	79.4	42.2	94.6	58.5
Punjab	16.6	39.7	39.8	72.7	52.5
Rajasthan	42.1	36.1	21.7	95.0	76.8
Sikkim	5.8	5.3	20.2	87.4	95.0
Tamil Nadu	82.7	73.1	84.2	95.0	80.8
Telangana	95.0	83.1	87.7	95.0	95.0
Tripura	8.9	51.7	40.2	87.0	39.8
Uttar Pradesh	1.1	51.9	51.9	95.0	44.0
Uttarakhand	9.4	43.4	38.0	89.6	71.3
West Bengal	58.5	13.0	28.4	91.4	75.1

Annexure III

**State/UT-wise Statement of Approvals and Utilisation towards Anaemia under NHM
from FY 2019-20 to FY 2022-23 (as on 31.03.2023)**

(Rs. In lakhs)

S.No.	State/UT	2019-20		2020-21	
		Approvals	Utilisation	Approvals	Utilisation
1	A&N Islands	13.54	7.99	8.20	0.00
2	Andhra Pradesh	1168.49	1662.93	1714.08	1710.90
3	Arunachal Pradesh	113.94	99.57	210.83	238.39
4	Assam	1004.33	445.57	1357.25	250.78
5	Bihar	5438.62	1399.00	2191.44	287.53
6	Chandigarh	0.03	0.03	0.00	0.00
7	Chhattisgarh	1472.83	1322.68	2226.69	2332.18
8	Dadra & Nagar Haveli	11.97	4.01	6.41	2.48
9	Daman & Diu	15.32	6.92		
10	Delhi	753.70	0.00	435.01	3.85
11	Goa	68.71	11.86	61.70	8.97
12	Gujarat	1238.39	481.59	666.53	554.09
13	Haryana	415.24	74.63	1284.59	308.65
14	Himachal Pradesh	218.84	57.37	470.42	0.03
15	Jammu & Kashmir	1059.22	677.67	1383.94	447.90
16	Jharkhand	1943.29	863.71	1860.73	281.79
17	Karnataka	1801.48	1906.63	1678.06	131.34
18	Kerala	818.27	18.74	697.55	192.46
19	Ladakh	-	-	60.05	11.30
20	Lakshadweep	1.84	0.52	11.15	0.00
21	Madhya Pradesh	2647.75	1455.53	3298.34	2990.77
22	Maharashtra	6516.12	378.56	5146.24	287.31
23	Manipur	163.75	170.81	262.61	95.02
24	Meghalaya	320.84	25.35	147.43	4.60
25	Mizoram	47.72	33.69	10.30	34.79
26	Nagaland	47.67	0.00	103.09	9.90
27	Odisha	1032.88	561.86	410.30	196.95
28	Puducherry	81.01	60.56	76.17	0.42
29	Punjab	1712.28	820.42	1701.08	1244.11
30	Rajasthan	3410.38	1356.50	2630.58	930.02
31	Sikkim	25.22	17.96	17.81	20.52
32	Tamil Nadu	2264.39	2021.54	3951.63	1513.84
33	Telangana	935.89	1030.75	3831.67	773.64
34	Tripura	131.50	20.37	178.56	26.32
35	Uttar Pradesh	7169.72	2060.35	5320.09	136.57
36	Uttarakhand	303.90	222.66	651.60	77.75
37	West Bengal	3818.02	1759.81	4599.95	4413.91

Note:

1. Expenditure includes expenditure against Central Release, State release & unspent balances at the beginning of the year.
2. The above data is as per available FMRs as submitted by States/UTs.
3. The above data comprises of follow up mechanism for the severely anaemic women and the women with blood disorders, one day orientation of frontline workers (ASHA/ANM) and allied department workers (Teachers/AWW) on Anaemia Mukht Bharat strategy as per RCH training norms, IFA syrups (with auto dispenser) for children (6-59months), IFA tablets (IFA WIFS junior tablets- pink sugar coated) for children (5-10 yrs), IFA tablets for non-pregnant & non-lactating women in reproductive age (20-49 years), orientation activities on vitamin A supplementation and Anaemia Mukht Bharat Programme, printing for Micronutrient Supplementation Programme including IEC materials, reporting formats, guidelines / training materials etc. (for AMB and Vitamin A supplementation programmes), etc.
4. After the Reorganisation of the State of Jammu and Kashmir (J&K) into the Union Territory of J&K and Union Territory of Ladakh, NHM funds to the UT of Ladakh were disbursed for the first time during 2020-21.

**State/UT-wise Statement of Approvals and Utilisation towards Anaemia under NHM
from FY 2019-20 to FY 2022-23 (as on 31.03.2023) ... (contd)**

(Rs. in lakhs)

S.No.	State/UT	2021-22		2022-23	
		SPIP Approvals	Expenditure	SPIP Approvals	Expenditure
1	Andaman & Nicobar Islands	4.45	0.00	9.99	0.51
2	Andhra Pradesh	2018.16	2018.16	8569.74	3037.45
3	Arunachal Pradesh	28.85	17.23	27.30	14.11
4	Assam	11360.33	13808.37	2257.45	1721.50
5	Bihar	4078.28	310.52	7569.52	137.11
6	Chandigarh	0.50	0.04	0.00	0.00
7	Chhattisgarh	2762.19	3413.05	1816.00	1654.30
8	Dadra & Nagar Haveli and Daman & Diu	6.57	0.00	12.84	8.42
9	Delhi	365.95	0.00	311.00	2.24
10	Goa	816.29	286.71	123.97	33.45
11	Gujarat	4252.93	4146.37	2534.90	996.70
12	Haryana	13.65	0.10	1685.18	1833.31
13	Himachal Pradesh	6510.00	6500.48	336.24	169.52
14	Jammu & Kashmir	2236.78	53.88	777.48	343.20
15	Jharkhand	3204.63	1726.22	5185.43	1967.88
16	Karnataka	13289.90	4384.06	2594.06	50.48
17	Kerala	20103.00	17950.99	2540.73	1070.38
18	Ladakh	60.50	10.64	8.48	13.60
19	Lakshadweep	38.85	10.14	5.25	5.00
20	Madhya Pradesh	10350.21	9664.21	8518.16	4561.94
21	Maharashtra	29607.98	25825.79	7285.50	970.40
22	Manipur	21.73	168.78	139.01	47.45
23	Meghalaya	100.10	153.08	490.74	357.13
24	Mizoram	381.54	179.65	132.10	1.82
25	Nagaland	686.88	753.75	165.68	0.00
26	Odisha	384.71	39.20	2119.17	322.96
27	Puducherry	54.22	45.17	248.49	83.99
28	Punjab	4744.00	4902.03	1082.42	75.77
29	Rajasthan	60348.00	41320.12	3837.04	853.58
30	Sikkim	344.10	503.82	49.74	43.68
31	Tamil Nadu	13125.48	12917.85	1273.11	233.90
32	Telangana	1161.00	601.62	2390.04	3881.33
33	Tripura	200.50	194.61	605.05	51.48
34	Uttar Pradesh	17379.51	55.65	11768.65	834.48
35	Uttarakhand	2285.91	1570.20	1372.12	226.46

36	West Bengal	8043.60	7836.72	2332.83	1462.45
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Note:

1. Expenditure includes expenditure against central Release, State release & unspent balances at the beginning of the year.
2. The above data is as per available FMRs as submitted by States/Uts and is provisional.
3. The above data comprises of Printing activities under Blood services & disorders, Antenatal Screening of all pregnant women coming to the facilities in their first trimester for Sickle cell trait, β Thalassemia, Haemoglobin variants esp. Haemoglobin E and Anaemia -Refer Hemoglobinopathies guidelines, Line listing and follow-up of severely anaemic women, Line listing of the women with blood disorders, Follow up mechanism for the severely anaemic women and the women with blood disorders, One time Screening to Identify the carriers of Sickle cell trait, β Thalassemia, Haemoglobin variants at school especially class 8 students and in newborns, etc.
4. After the Reorganisation of the State of Jammu and Kashmir (J&K) into the Union Territory of J&K and Union Territory of Ladakh, NHM funds to the UT of Ladakh were disbursed for the first time during 2020-21.

Annexure IV

**State/UT wise statement of funds released and utilization under POSHAN Abhiyan
from FY 2019-20 to FY 2021-22 (as on 31.03.2022)**

Amount in ₹lakhs

State/UT	Total Central Funds released from 2019-20 to 2021-22	Total Central Funds utilised as on 31.03.2022
A & N Islands	926.6	413.5
Andhra Pradesh	14186.2	17560.8
Arunachal Pradesh	1106.2	1064.2
Assam	15158.0	21276.3
Bihar	27300.5	30678.4
Chandigarh	582.9	574.0
Chhattisgarh	839.6	7303.9
DNH and DD	878.1	769.7
Delhi	174.4	2549.6
Goa	20.2	249.1
Gujarat	14863.0	22074.1
Haryana	415.4	5790.9
Himachal Pradesh	0.0	7711.4
Jammu & Kashmir	1730.5	9160.8
Jharkhand	0.0	5467.6
Karnataka	9022.0	13221.9
Kerala	2679.6	7474.3
Ladakh	118.8	9.9
Lakshadweep	226.8	356.1
Madhya Pradesh	1554.2	20087.8
Maharashtra	34829.3	43714.4
Manipur	184.2	3714.8
Meghalaya	2897.1	5073.4
Mizoram	2251.5	2575.0
Nagaland	4208.4	5264.0
Odisha	12842.4	15172.1
Puducherry	510.7	264.6
Punjab	0.0	30.2
Rajasthan	8941.0	12258.1
Sikkim	943.9	1371.0
Tamil Nadu	11509.0	21879.4
Telangana	7574.2	15786.9
Tripura	162.3	3774.8
Uttar Pradesh	18945.5	41834.8
Uttarakhand	7407.1	10769.9
West Bengal	1911.7	0.0
Total	206901.0	357277.7