

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

**LOK SABHA  
UNSTARRED QUESTION NO. 2187  
TO BE ANSWERED ON 29<sup>TH</sup> JULY, 2016**

**SICKLE CELL ANAEMIA**

**2187. SHRI RAMSINH RATHWA:  
SHRI ABHISHEK SINGH:  
SHRI DEVAJIBHAI G. FATEPARA:**

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

- (a) whether the bulk of tribal population in the country especially in the southern States and Gujarat are the most afflicted by the heredity disease Sickie Cell Anaemia, if so, the details thereof along with number of cases/deaths reported during the last three years;
- (b) whether the medical practitioners in tribal areas of the country are unaware of the existence of the disease resulting in misdiagnosis and mistreatment of the disease;
- (c) if so, the details thereof and the steps taken by the Government to create awareness about the disease among the medical practitioners and the people in the tribal areas; and
- (d) whether the Government has launched a Sickie Cell Anaemia Control Programme, if so, the details along with the funds allocated/released/utilised and the achievements made so far in combating the disease thereof?

**ANSWER  
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(SMT. ANUPRIYA PATEL)**

(a): No database is maintained at the national level by this Ministry so far as the number of cases and deaths due to Sickie Cell Anaemia is concerned. However as per the information received from the state of Gujarat the morbidity and mortality numbers are as follows-

<b>Year</b>	<b>Cases</b>	<b>Deaths</b>
<b>2013-14</b>	<b>5701</b>	<b>66</b>
<b>2014-15</b>	<b>4509</b>	<b>58</b>
<b>2015-16</b>	<b>2214</b>	<b>70</b>

There is high prevalence of Sickie Cell Anaemia in the tribal areas of Gujarat, and Southern India.

(b): No.

(c): As per information provided by the Ministry of Tribal Affairs, the Sick Cell screening programme is being run in as many as 27 states on the behest of that ministry. List is enclosed at Annexure “A”

In order to create awareness amongst the population certain activities are undertaken at the state level, like Screening, Prenatal and Post natal Counselling, Diagnosis and Treatment of cases.

States have informed that IEC activities are carried out by Government to create awareness about the disease among the medical practitioners and the people in the tribal areas. Apart from this, Ministry of Tribal Affairs organizes regional training workshops in collaboration with Indian Council of Medical Research (ICMR) to facilitate State/UTs to train adequate manpower to undertake the screening exercise. In addition, Department of Biotechnology is involved in research to find cure of the disease.

(d): There is no separate vertical programme for Sick Cell Anaemia control. Public health is a state subject; however, under the National Health Mission, the Government supplements the efforts of State governments in providing health care services, including for prevention and control of Sick cell disease.

Considering the burden of disease, a Guideline for prevention and control of Haemoglobinopathies (including Sick Cell Anaemia) have been developed under National Health Mission and disseminated to the States for implementation. The Guideline envisages antenatal check up of pregnant women and utilisation of RBSK (Rashtriya Bal Swasthya Karyakram) program for screening of the prospective mothers and the children respectively.

The funds allocated so far from the NHM Government of India is annexed at (Annexure ‘B’). The fund allocated from Ministry of Tribal Affairs is annexed at (Annexure ‘C’)

**Annexure 'A'****Latest update on Screening of Sickle Cell incidences in States as on 25.07.2016 by M/oTriabal Affairs**

Name of the State	Total Target for screening of ST persons	Total number of persons screened as on date			
		Trait	Disease	Normal	Total
Andhra Pradesh	556551	57		94718	94775
Arunachal Pradesh	310091	108		155923	156031
Assam	1086682	NR	NR	NR	0
Bihar	400000	00	00	464	464
Chhattisgarh	2115603	21267	590	151036	172893
Goa	27123	NR	NR	NR	0
Gujarat	8644928	729561	29266	7886101	8644928
Himachal Pradesh	24717	-		56	56
Jammu & Kashmir	348443	NR	NR	NR	0
Jharkhand	1700000	09	03	288	300
Karnataka	825917	NR	NR	NR	0
Kerala	148180	2042		146138	148180
Madhya Pradesh	1352353	611	312	385365	386288
Maharashtra	3153063	169191	14141	1188426	1371758
Manipur	90000	NR	NR	NR	0
Meghalaya	813828	NR	NR	NR	0
Mizoram	271083	NR	NR	NR	0
Nagaland	385122	NR	NR	NR	0

Odisha	2500000	25461	2999	102101	130561
Rajasthan	4188056	--		1800	1800
<b>Name of the State</b>	<b>Total Target for screening of ST persons</b>	<b>Total number of persons screened as on date</b>			
		<b>Trait</b>	<b>Disease</b>	<b>Normal</b>	<b>Total</b>
Sikkim	55902	NR	NR	NR	0
Tamil Nadu	201323	NR	NR	NR	0
Telangana	125304	617		22775	23392
Tripura	287011	68		123324	123392
Uttar Pradesh	620000	0	0	105	105
Uttarakhand	74260	0	0	282	282
West Bengal	847673	62		226	288
<b>Total</b>	<b>31153213</b>				<b>11257293</b>

NR- Not reported.

## Annexure'B'

Budget allocated to States for Sickle Cell By M/o Health and F W under NHM			
S. No.	State	Year	Sickle Cell
1	Gujarat	2012-13	0
		2013-14	102.34
		2014-15	849.24
		2015-16	702.18
	Total		1653.76
2	Chhattisgarh	2009-10	17.28
		2010-11	50.42
		2011-12	200
		2012-13	0
		2013-14	1244.91
		2014-15	0
		2015-16	
	Total		1512.61
3	Odisha	2012-13	173.11
		2013-14	197.11
		2014-15	237.62
		2015-16	249.61
	Total		857.45
8	Maharashtra	2012-13	1803.52
		2013-14	1801.9
		2014-15	2152
		2015-16	1994.05
		2016-17	1140.89
	Total		8892.36

**Annexure 'C'****Statement Showing funds approved by PAC for Sickle Cell Anemia under Art.275(1) & SCA to TSP for 2014-15 and 2015-16 (Rs. In lakh)**

S.NO.	Name of State	Funds sanctioned for Sickle cell anemia	
		2014-15	2015-16
1	Andhra Pradesh	-	-
2	Assam	-	-
3	Arunachal Pradesh	100.00	150.00
4	Bihar	-	-
5	Chhattisgarh	249.60	-
6	Goa	-	-
7	Gujarat	-	-
8	Himachal Pradesh	-	25.00
9	Jammu &Kashmir	-	-
10	Jharkhand	200.00	-
11	Karnataka	200.00	51.00
12	Kerala	-	23.00
13	Meghalaya	300.00	-
14	Mizoram	-	80.00
15	Maharashtra	100.00	-
16	Madhya Pradesh	1000.00	350.00
17	Manipur	200.00	150.00
18	Nagaland	50.00	-
19	Odisha	-	700.00
20	Rajasthan	300.00	53.27
21	Sikkim	-	6.50
22	Tamil Nadu	-	-
23	Tripura	-	50.00
24	Telangana	100.00	126.87
25	Uttrakhand	-	-
26	Uttar Pradesh	20.00	-
27	West Bengal	-	250.00
	<b>Total Rs.</b>	<b>2819.60</b>	<b>2015.64</b>