

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

**LOK SABHA  
UNSTARRED QUESTION NO. 4805  
TO BE ANSWERED ON 23<sup>rd</sup> MARCH, 2018**

**BLOOD BANKS**

**4805. SHRIMATI PRATIMA MONDAL:  
SHRI NISHIKANT DUBEY:  
SHRI SUBHASH CHANDRA BAHERIA:  
SHRI RAJESH PANDEY:  
SHRI VIJAY KUMAR HANSDAK:  
SHRI HARISHCHANDRA CHAVAN:**

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

- (a) the annual requirement and collection of blood in the country along with the details of Government and private blood banks functioning at present, State/ UT-wise;
- (b) whether the Government has formulated any scheme for setting up of blood banks on priority basis in each district particularly in rural, remote and border areas of the country and if so, the details thereof, State/UT-wise;
- (c) whether the complaints regarding wastage of blood in blood banks particularly in hospitals have been reported and if so, the details thereof;
- (d) the steps taken by the Government to streamline blood collection as well as storage and ensure optimum utilisation of collected blood by blood banks in the country; and
- (e) the other measures being taken by the Government to increase blood donors in the country?

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

- (a): The details of annual requirement and blood collection along with details of Government and private blood banks are given in Annexure I and II.
- (b): All districts of the country barring 74 have at least one licensed Blood Bank. Government has provided support for set up of blood banks in 68 districts of the country predominantly to cater to the patients in the rural hinterland. State/ UT wise details are given in Annexure III.
- (c) & (d): No such complaints have come to notice of the Government.

However to streamline blood collection as well as storage and optimum utilization, a digital platform E Rakt Kosh has been set up to network licensed blood banks of the State and display availability of stocks of blood and blood components in public domain. Bulk transfer of blood and blood components between blood banks has been permitted to avoid shortages and excesses. 32 Blood Mobile Buses and over 250 Blood Transportation Vans are functional across the country to facilitate collection and transportation of blood in cold chain. Blood Storage Centres are set up in First referral units to make blood available close at hand to the community.

(e): Government has taken concerted steps towards an effective communication strategy using multimedia approach, including social media for promotion of voluntary blood donation especially among the healthy youth and workforce. National and State level events are observed on 14<sup>th</sup> June (World Blood Donor Day) and 1<sup>st</sup> October (National Voluntary Blood Donation Day). Government supports conduction of over 60000 Voluntary Blood Donation Camps each year and provision of refreshments and tokens of appreciation to over five million blood donors.

Other measures include felicitation of blood donors and donor organizations as a mark of appreciation and conduction of nation-wide blood drives and campaigns with the support of non Governmental Organizations. An enabling provision of four special casual leaves each year provides encouragement to Central Government employees to enrol as regular blood donors.

**State/ UT wise details of annual requirement of blood vis-à-vis blood collection in India**

<b>S.No</b>	<b>Name of State</b>	<b>Blood Requirement (as per WHO 1% norm* )</b>	<b>Total Blood Collection In India ( 2016 – 2017 SIMS data)</b>
1	Andhra Pradesh	846655	459852
2	Telangana	351940	395723
3	Arunachal Pradesh	13826	5355
4	Assam	311693	220000
5	Bihar	1167257	182242
6	Chandigarh	10547	84955
7	Chhattisgarh	255402	163756
8	Dadra & Nagar Haveli	3429	8286
9	Delhi	186869	546990
10	Daman & Diu	2429	1735
11	Gujarat	603836	798997
12	Haryana	253531	270860
13	Himachal Pradesh	71232	38540
14	J&K	125489	63011
15	Jharkhand	329662	164625
16	Karnataka	611307	960049
17	Kerala	333877	386686
18	Madhya Pradesh	725976	454310
19	Maharashtra	1213621	1460050
20	Manipur	27218	22602
21	Meghalaya	29640	14262
22	Mizoram	10910	23593
23	Nagaland	19806	10713
24	Odisha	419474	401958
25	Puducherry	12445	21591
26	Punjab	277041	383198
27	Rajasthan	747916	582255
28	Sikkim	6077	5618
29	Tamil Nadu	778815	885820
30	Tripura	36710	28708
31	Uttar Pradesh	2238974	862059
32	Uttarakhand	101168	115520
33	West Bengal	913477	1049619
34	Goa	14577	18403
35	A&N	3799	2204
36	Lakshadweep	644	0
		<b>13057269</b>	<b>11094145</b>

**\* The information on blood requirement is based on the WHO norm of 1% of population being a ball park estimate of blood requirements of a country/ region**

State/UT wise details of Government and Private licensed Blood Banks

S.NO	NAME OF STATE	Public including Govt. Blood Banks	Private including charitable trust Blood Bank	TOTAL
1.	Andaman & Nicobar	02	01	03
2.	Andhra Pradesh	32	118	150
3.	Arunachal Pradesh	09	01	10
4	Assam	38	30	68
5	Bihar	35	41	76
6	Chandigarh	03	01	04
7	Chhattisgarh	27	40	67
8	Dadra & Nagar Haveli	-	01	01
9	Daman & Diu	01	01	02
10	NCT of Delhi	23	46	69
11.	Goa	03	04	07
12	Gujarat	28	117	145
13	Haryana	26	64	90
14	Himachal Pradesh	19	03	22
15	Jammu & Kashmir	25	04	29
16	Jharkhand	27	22	49
17	Karnataka	40	160	200
18	Kerala	41	127	168
19	Lakshadweep	01	00	01
20	Madhya Pradesh	54	90	144
21	Maharashtra	74	254	328
22	Manipur	04	01	05
23	Meghalaya	05	02	07
24	Mizoram	08	02	10
25	Nagaland	05	-	05
26	Odisha	63	20	83
27	Pondicherry	05	12	17
28	Punjab	49	57	106
29	Rajasthan	52	63	115
30	Sikkim	02	01	03
31	Tamil Nadu	98	193	291
32	Telangana	27	134	161
33	Tripura	10	02	12
34	Uttar Pradesh	104	190	294
35	Uttarkhand	21	12	33
36	West Bengal	82	46	128
	<b>Total</b>	<b>1043</b>	<b>1860</b>	<b>2903</b>

Note: Data is as per information collected by CDSCO in June 2016

**State/UT wise details of set up of Blood Banks in Districts without Blood Banks**

<b>S No</b>	<b>Name of State/UT</b>	<b>No of Districts without Blood Banks</b>	<b>No of Districts for set up supported under NHM</b>	<b>Names of Districts without Blood Banks</b>
1	Andaman and Nicobar	2	1	North and Middle Andaman and Nicobar
2	Arunachal Pradesh	10	7	West Kameng, East Kameng, Kra-daadi, Kurung Kumey, Siang, Namsai, Debang Valley, Anjaw, Tirap, Longing
3	Assam	12	5	Kamrup East, Kamrup South, Kamrup Rural, Baksa, Udalguri, Chirang, Bishwanath, Manchachar and South Salmara, Charaideo, Hojai, West Karbi Anglong, Majuli
4	Bihar	5	5	Arwal, Araria, Supoul, Banka, Sheohar
5	Chhattisgarh	4	14	Balod, Gariaband, Kondagaon, Balrampur
6	Himachal Pradesh	1	0	Lahaul Spiti
7	Jammu and Kashmir	5	3	Bandipora, Ganderbal, Shopian, Samba, Reasi
8	Jharkhand	6	2	Ramgarh, Khunti, Saraikela, Jamtara, Godda, Bokaro
9	Madhya Pradesh	1	2	Agar Malwa
10	Maharashtra	0	1	
11	Manipur	4	2	Senapati, Ukhrul, Chandel, Tamenglong
12	Meghalaya	6	3	South West Khasi Hills, East Jaintia Hills, East Garo Hills, South West Garo Hills, North Garo Hills, South Garo Hills
13	Nagaland	3	2	Peren, Kiphire, Longlen
14	Sikkim	2	1	North Sikkim, West Sikkim
15	Uttar Pradesh	0	4	
16	Uttarakhand	3	3	Rudraprayag, Bageshwar, Champavat
17	Telangana	10	13	Nagarkurnool, Jogulamba, Malkajgiri, Komaram Bheem, Nizamabad, Rajanna Silsilla, Warangal Rural, Mahabubabad, Jayashankar, Yadadri
	<b>Total</b>	<b>74</b>	<b>68</b>	