

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

**RAJYA SABHA  
UNSTARRED QUESTION NO. 1863  
TO BE ANSWERED ON 2<sup>nd</sup> AUGUST, 2022**

**SHORTAGE OF BLOOD IN THE COUNTRY**

**1863 Dr. L. HANUMANTHAIAH:**

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

- (a) the number of blood banks operating in the country, State-wise
- (b) the average inflow and outflow of donated blood over the last five years, State-wise;
- (c) the details of wastage of blood during the last five years, State-wise;
- (d) the effect of COVID-19 on the availability of donated blood in the country; and
- (e) the steps taken by Government to tackle shortage of donated blood?

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

(a) to (e): There are 3908 licensed blood banks (blood centers) in the country. The details of Government and Private licensed blood banks in the country, State/UT wise is given at Annexure-1.

The inflow and outflow of collected blood, State/UT wise in respect of the blood banks reporting their data on the e-Raktkosh Portal is at Annexure -2.

The details of discarded blood, State/UT wise in respect of the blood banks reporting their data on the e-Raktkosh Portal is at Annexure -3.

The National Guidance to Blood Transfusion Services in light of COVID- 19 Pandemic were issued on 25-3-2020 and 25-6-2020. Government of India, through National Health Mission, supports States/UTs to strengthen their healthcare systems including strengthening existing blood banks /supporting new blood banks and blood storage units, and through Blood Transfusion Services also supports 1131 Blood banks in the Public and Charitable sector in respect of manpower, procurement of Blood Bags and testing kits, conducting Voluntary Blood Donation (VBD) camps and Information Education Communication (IEC) activities etc. In addition, Mobile vans for blood collection and blood transportation vans are provided to the States/UTs.

Steps have been taken to engage with different Government departments, voluntary organizations like Indian Red Cross Society, blood donor associations, professional associations and other stakeholders for creating opportunities to donate and raise public awareness on the need for safe blood donation and transfusion in the country. The

Government supports various activities like organising blood donation camps, observance of events of World Blood Donor Day and Voluntary Blood Donation Day, pledging campaign through MyGov and motivating various youth groups etc. On world Blood Donor Day on 14-6-2022, blood group testing facility was made available to public through blood banks and in the blood donation camps. The Government has also made a provision of four special casual leaves per year that can be availed by Central Government employees for donating blood.

The e-RaktKosh web portal provides the interface for registration of Voluntary Blood Donors, Blood Banks data management and integration. For this, all blood banks have been advised to register on e-RaktKosh web-portal. Further, the facility for registration of voluntary blood donors has also been enabled on Aarogya Setu App.

## Annexure -1

## Number of licensed Blood Centres in India State / UT wise up to 30 JUNE -2022

S.No	Name of State / UT	Govt. Blood Centres	Other than Govt. Blood Centres	Total
1	Andaman & Nicobar	02	01	03
2	Andhra Pradesh	41	179	220
3	Arunachal Pradesh	12	01	13
4	Assam	46	41	87
5	Bihar	44	63	107
6	Chandigarh	03	01	04
7	Chhattisgarh	37	79	116
8	Dadra & Nagar Haveli and Daman & Diu	02	01	03
09	NCT of Delhi	25	55	80
10	Goa	03	02	5
11	Gujarat	30	153	183
12	Haryana	27	115	142
13	Himachal Pradesh	20	06	26
14	Jammu & Kashmir	30	07	37
15	Ladakh	03	-	03
16	Jharkhand	33	35	68
17	Karnataka	42	231	273
18	Kerala	51	151	202
19	Lakshadweep	01	00	01
20	Madhya Pradesh	71	107	178
21	Maharashtra	77	297	374
22	Manipur	04	02	06
23	Meghalaya	09	02	11
24	Mizoram	09	02	11
25	Nagaland	05	1	06
26	Odisha	63	24	87
27	Pondicherry	04	12	16
28	Punjab	52	106	158
29	Rajasthan	66	145	211
30	Sikkim	04	02	06
31	Tamil Nadu	106	232	338
32	Telangana	66	190	256
33	Tripura	12	02	14
34	Uttar Pradesh	114	342	456
35	Uttarakhand	25	28	53
36	West Bengal	109	45	154

Annexure 2					
Number of Blood Units collected (Source e-RaktKosh Portal)					
State/UT Name	Year 2022	Year 2021	Year 2020	Year 2019	Year 2018
	Jan-Jun	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
Andaman & Nicobar Islands	2199	3269	.	.	.
Andhra Pradesh	41979	79679	11634	8743	8767
Arunachal Pradesh	1264	1862	88	116	141
Assam	15174	13520	.	.	.
Bihar	119549	137938	2253	.	.
Chandigarh	13828	26702	9689	.	.
Chhattisgarh	76341	115210	.	2628	.
Daman & Diu	505	1379	.	.	.
Delhi	168869	271971	36193	38697	22409
Goa	10790	21195	.	.	.
Gujarat	306829	476746	4093	4328	6483
Haryana	92562	147734	308	.	.
Himachal Pradesh	12926	13042	.	.	.
Jammu and Kashmir	22520	40023	36949	24743	.
Jharkhand	35637	64255	511	.	.
Karnataka	164372	241499	16447	23925	19607
Kerala	126345	257095	.	.	.
Ladakh	451	732	507	755	.
Madhya Pradesh	207811	176550	46783	30641	31887
Maharashtra	569505	864879	.	.	.
Manipur	2859	7842	.	.	.
Meghalaya	7527	12456	.	.	.
Mizoram	2390	2980	.	.	.
Nagaland	326	928	.	.	.
Odisha	47530	86519	5783	.	.
Puducherry	5677	15090	.	.	.
Punjab	75695	121222	90853	112324	84486
Rajasthan	74386	58496	.	.	51627
Sikkim	2216	1788	.	.	.
Tamil Nadu	162990	220284	3266	.	.
Telangana	101898	154123	29086	41736	20013
Tripura	15972	28289	.	.	.
Uttarakhand	39401	66246	30614	44011	34456
Uttar Pradesh	294919	458037	53914	55859	53281
West Bengal	209894	327601	27035	43106	23686
<b>Min No. Of Blood Banks Reported Blood Collection Data during the period</b>	1234	1080	145	119	102
<b>Max No. Of Blood Banks Reported Blood Collection Data during the period</b>	1595	1199	161	141	129
<b>No of States/UTs</b>	35	35	19	14	12

	Annexure -2 cont...			
Number of Blood Bags Issued (Source e-RaktKosh Portal)				
	Year 2022	Year 2021	Year 2020	Year 2019
State/UT	Jan-Jul	Jan-Dec	Jan-Dec	Jan-Dec
Andaman & Nicobar Islands	3237	5163	.	.
Andhra Pradesh	64670	123693	6105	2353
Arunachal Pradesh	1325	1737	29	56
Assam	26829	19990	.	.
Bihar	82725	109399	1736	.
Chandigarh	91153	166910	.	.
Chhattisgarh	90354	157831	7374	427
Daman & Diu	607	1579	.	.
Delhi	241351	450401	47575	44953
Goa	17577	20517	.	.
Gujarat	392517	620450	3862	4494
Haryana	162150	262869	.	.
Himachal Pradesh	13702	10909	10929	.
Jammu and Kashmir	11331	23768	.	8934
Jharkhand	48474	98404	3165	.
Karnataka	284073	437701	14083	26865
Kerala	209962	405793	.	.
Ladakh	387	725	3677	520
Madhya Pradesh	220397	210183	22774	23309
Maharashtra	1000907	1609066	.	.
Manipur	4764	12814	.	.
Meghalaya	11231	17592	.	.
Mizoram	1282	2655	.	.
Nagaland	362	895	.	.
Odisha	50303	71698	12094	.
Puducherry	3819	10116	.	.
Punjab	67060	119797	50516	62603
Rajasthan	82812	82115	.	.
Sikkim	564	1008	.	.
Tamil Nadu	287241	416463	4612	.
Telangana	143847	235882	19354	26168
Tripura	19991	35252	.	.
Uttarakhand	45706	86664	21128	25629
Uttar Pradesh	401208	725440	48358	59551
West Bengal	246516	389901	35396	52745
Min No. Of Blood Banks Reported Blood Issued Data during the period	1070	963	117	90
Max No. Of Blood Banks Reported Blood Issued Data during the period	1393	1055	133	113
No of States/UTs	35	35	18	14

	<b>Annexure 3</b>	
<b>Number of Blood Bags Discarded ( Source e-RaktKosh Portal)</b>		
	<b>Year 2022</b>	<b>Year 2021</b>
<b>State/UT Name</b>	<b>Jan-Jun</b>	<b>Jan-Dec</b>
Andaman & Nicobar Islands	126	304
Andhra Pradesh	1565	4045
Arunachal Pradesh	209	119
Assam	1105	736
Bihar	3158	4360
Chandigarh	329	335
Chhattisgarh	8355	13806
Daman & Diu	15	112
Delhi	12857	27021
Goa	732	2222
Gujarat	20704	36005
Haryana	6285	9037
Himachal Pradesh	306	122
Jammu and Kashmir	68	-
Jharkhand	1844	3584
Karnataka	7182	11631
Kerala	17904	30291
Madhya Pradesh	9926	9892
Maharashtra	33790	52910
Manipur	202	646
Meghalaya	373	400
Mizoram	230	679
Nagaland	8	5
Odisha	346	609
Puducherry	532	713
Punjab	1525	1698
Rajasthan	2092	1254
Sikkim	101	165
Tamil Nadu	14142	15230
Telangana	3787	7121
Tripura	1200	1264
Uttarakhand	1804	2583
Uttar Pradesh	9000	14947
West Bengal	18112	22090
<b>Min No. Of Blood Banks reported Blood Discard data during the period</b>	1053	949
<b>Max No. Of Blood Banks reported Blood Discard data during the period</b>	1405	1031
<b>No of States/UTs reported the data</b>	34	33