

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

**RAJYA SABHA
UNSTARRED QUESTION NO. 1882
TO BE ANSWERED ON 04.08.2026**

**REDUCING BLOOD WASTAGE AND REGIONAL SHORTAGES IN THE BLOOD
SUPPLY CHAIN**

1882. SHRI RAJINDER GUPTA:

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

- (a) whether it is a fact that, despite blood collection in 2024-25 exceeding the national requirement of 14.6 million units, regional shortages and significant blood wastage persist and if so, Government's assessment thereof;
- (b) the data on blood and blood components collected, utilized and discarded during the last three years, along with category-wise reasons for such wastage, State/UT-wise and year-wise;
- (c) whether Government has examined successful State blood bank management models involving centralised testing and real-time cold-chain monitoring to reduce wastage and improve transfusion safety; and
- (d) If so, whether it proposes to formulate a model scheme for nation wide adoption of such best practices?

ANSWER

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

- (a) No such report has been reported to the Government of India.
- (b) The data on blood and blood components collected, utilized and discarded during the last three years, along with category-wise reasons for such wastage, State/UT-wise and year-wise, is placed at Annexure as reported by blood centres on the e-Raktakosh portal.
- (c) & (d). Since health is a State subject, the primary responsibility for ensuring an adequate supply of safe blood and minimizing blood wastage rests with the respective State and Union Territory Governments. The Government of India advocates a hub-and-spoke model for blood transfusion services, wherein blood is collected and processed at high-volume hub blood centres and subsequently distributed to smaller blood centres and blood storage centres (spokes).

Annexure Referred to in Reply to Part (b) of Rajya Sabha Unstarred Question No 1882 for answer on 04.08.2026

Annexure

Total Collection				
S.No	State/UT Name	2023(Jan-Dec)	2024(Jan-Dec)	2025(Jan-Dec)
1	Andaman & Nicobar Islands	4851	2945	3521
2	Andhra Pradesh	615434	694535	725846
3	Arunachal Pradesh	5347	13192	13380
4	Assam	205232	353072	363457
5	Bihar	338970	335787	356871
6	Chandigarh	65742	104428	102746
7	Chhattisgarh	256248	252001	269008
8	Dadra And Nagar Haveli And Daman And Diu	1970	2367	2489
9	Delhi	493450	555870	612442
10	Goa	25398	18322	26451
11	Gujarat	997442	1120136	1181904
12	Haryana	531557	573837	601757
13	Himachal Pradesh	45064	61501	63307
14	Jammu and Kashmir	96943	86723	102978
15	Jharkhand	290447	361937	350083
16	Karnataka	657043	692763	765575
17	Kerala	434550	608841	603261
18	Ladakh	1265	1293	879
19	Madhya Pradesh	753878	758332	836299
20	Maharashtra	1494304	1648026	1873235
21	Manipur	3577	29011	31639
22	Meghalaya	18115	24394	25449
23	Mizoram	37070	29576	32247
24	Nagaland	1817	2628	10779
25	Odisha	217367	545502	566971
26	Puducherry	25866	39722	45200
27	Punjab	489905	430576	534318
28	Rajasthan	798457	998016	1078616
29	Sikkim	8924	8473	8842
30	Tamil Nadu	666461	946236	974022
31	Telangana	376719	368530	420991
32	Tripura	30310	26484	40743
33	Uttarakhand	173570	196903	206730
34	Uttar Pradesh	1783993	2045381	2160730
35	West Bengal	748077	663807	721172

All Components Utilized (issued)				
S.No	State/UT Name	2023 (Jan-Dec)	2024 (Jan-Dec)	2025 (Jan-Dec)
1	Andaman & Nicobar Islands	6959	3792	5038
2	Andhra Pradesh	765933	856453	940192
3	Arunachal Pradesh	6803	18888	19800
4	Assam	273580	404459	430719
5	Bihar	383149	395404	448971
6	Chandigarh	197308	208955	188458
7	Chhattisgarh	346836	353590	364037
8	Dadra And Nagar Haveli And Daman And Diu	2493	2624	2639
9	Delhi	792046	821273	968643
10	Goa	53577	34544	39103
11	Gujarat	1618693	1944261	2044610
12	Haryana	903024	966143	1053282
13	Himachal Pradesh	49980	70827	74174
14	Jammu and Kashmir	73731	63285	118858
15	Jharkhand	328824	411024	464370
16	Karnataka	1365676	1355795	1460377
17	Kerala	798233	1025655	1019393
18	Ladakh	1098	0	754
19	Madhya Pradesh	830393	911410	1047725
20	Maharashtra	2806182	2967701	3350826
21	Manipur	4653	41449	46261
22	Meghalaya	28469	34773	40448
23	Mizoram	10702	43764	49991
24	Nagaland	1918	805	867
25	Odisha	212079	476421	498482
26	Puducherry	67686	93332	96713
27	Punjab	619430	537682	708023
28	Rajasthan	1242337	1391660	1510686
29	Sikkim	4165	3284	3226
30	Tamil Nadu	1280510	1488027	1624843
31	Telangana	590089	608592	693192
32	Tripura	37819	32537	48208
33	Uttarakhand	244667	304155	263728
34	Uttar Pradesh	3102749	3474829	3784121
35	West Bengal	1036418	951731	1133188

Total Discard (Whole Blood and PRBC) Reason ** 2023 – Reason-wise discard details not captured in eRaktkosh portal										
S. No	State	2023 Total Discard (All Components)	Expired	Reactive	Other	2024 Total Discard (All Components)	Expired	Reactive	Other	2025 Total Discard (All Components)
1	Andaman and Nicobar Islands	181	331	10	224	565	544	70	658	1272
2	Andhra Pradesh	26345	17255	8988	13993	40236	25764	12889	17274	55927
3	Arunachal Pradesh	917	972	352	1754	3078	2221	633	366	3220
4	Assam	7814	10985	9571	13082	33638	17043	14087	15715	46845
5	Bihar	24550	16977	6972	15474	39423	29903	11150	25243	66296
6	Chandigarh	1570	0	477	3375	3852	0	367	4163	4530
7	Chhattisgarh	23101	12561	3824	5146	21531	19711	5488	7733	32932
8	Dadra And Nagar Haveli And Daman And Diu	1045	502	74	23	599	586	45	415	1046
9	Delhi	40122	20542	22686	8040	51268	32053	36078	15735	83866
10	Goa	2969	551	78	642	1271	2581	242	1341	4164
11	Gujarat	75819	21322	17579	23707	62608	30621	23440	31171	85232
12	Haryana	38461	21303	18603	12045	51951	33553	26369	18051	77973

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13	Himac hal Prade sh	2404	857	696	1296	2849	2118	802	1150	4070
14	Jamm u and Kash mir	1655	1133	427	1244	2804	3968	1740	2413	8121
15	Jharkh and	7164	7926	3878	6247	18051	12473	5819	9304	27596
16	Karna taka	37656	13539	7329	19102	39970	19493	11611	23957	55061
17	Kerala	68115	78890	4985	37952	121827	94342	6163	43311	14381 6
18	Ladak	6	0	0	0	0	19	0	0	19
19	Madh ya Prade sh	32993	25820	12418	16425	54663	42761	18432	27035	88228
20	Mahar ashtra	93089	57665	24536	34412	116613	92119	39026	55734	18687 9
21	Manip ur	263	2609	743	607	3959	3357	1052	1975	6384
22	Megh alaya	849	6525	882	1932	9339	9343	1437	1087	11867
23	Mizor am	3689	1097	392	661	2150	1043	663	762	2468
24	Nagal and	39	9	6	1	16	193	133	20	346
25	Odish a	3558	3111	4710	15959	23780	7141	5269	22781	35191
26	Puduc herry	1602	1099	562	323	1984	2259	578	648	3485
27	Punja b	24085	18430	15484	20946	54860	28509	26375	29308	84192
28	Rajast han	48790	33738	17737	26008	77483	57394	25422	38543	12135 9
29	Sikkim	1327	831	30	384	1245	1006	43	605	1654
30	Tamil Nadu	58836	44558	7699	29814	82071	59788	12096	37187	10907 1
31	Telang ana	20994	14361	4750	11455	30566	22331	7203	16307	45841
32	Tripur a	964	20	245	1102	1367	378	614	1544	2536
33	Uttara khand	12705	11595	4516	6321	22432	12113	7186	5625	24924
34	Uttar	67222	69307	51800	58740	179847	97070	72738	70285	24009

	Pradesh									3
35	West Bengal	68626	30191	10305	19547	60043	38495	14767	23153	76415