

Department of Health

National Blood Transfusion Service Statistics

England and Wales-1988

Prepared by the Government Statistical Service
Statistics and Management Information Division
Branch SM12

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NATIONAL BLOOD TRANSFUSION SERVICE - ENGLAND AND WALES

YEAR 1988

General

1. The attached summaries and tables contain statistics on the National Blood Transfusion Service. These statistics are derived from data collected by the Department of Health on form KO38. This quarterly return is completed by the 14 Blood Transfusion Centres in England and Wales and replaced form NBTS 47 on 1 April 1987 following the recommendations of the Korner Steering Group on Health Services Information.

2. In addition to the general notes given on the summaries further information about the data is given at Annex 3.

Summaries / Tables

3. The annual and quarterly summaries give the data for England and Wales and regions for the calendar year 1988.

4. Annex 1 gives data for England and Wales for years 1978 - 1988.

5. Annex 2 is a graph showing the number of units of blood issued in England and Wales in years 1982 - 1988.

Statistics and Management Information Division
Branch 2A

December 1989

NATIONAL BLOOD TRANSFUSION SERVICE - SUMMARY: FOR YEAR JANUARY TO DECEMBER 1988

Regional Transfusion Centre	WHOLE BLOOD										PLASMAPHERESIS						
	C p	Donor Panel				Blood issued including issues to non NHS hospitals/clinics				Blood issued to non NHS hospitals/clinics				Donor Panel	Number of donations obtained		
	a o																
	t p																
	c u																
	h l																
	n a																
	e t	Number	Number	Useable	Number	Units	Reduced	Reduced	Number	Units	Reduced	Reduced	Number	Number	Speci-	Speci-	Speci-
	n i	of	bled for	ers	of	returned	units	units	of	returned	units	units	on for	ered	fic	fic	fic
	t o	donors	first	obtained	units	unused	issued	unused	units	unused	issued	unused	panel	time	plasma	plasma	plasma
	n	bled	time		issued				issued								
Northern	3.1	122,267	10,753	119,044	23,499	7,988	79,015	10,747	58	47	821	334	586	255	0	0	996
Yorkshire	3.2	133,088	19,208	126,622	44,416	6,150	68,415	5,843	450	101	1,666	692	8,661	1,288	0	25	171
Trent	5.0	197,746	23,051	161,879	38,283	1,288	114,230	1,508	1,580	0	1,082	0	4,108	470	0	1	4
East Anglia	2.0	92,195	8,385	89,909	43,675	8,693	39,292	2,538	1,312	614	2,190	813	511	147	0	0	3,762
North West Thames	3.4	192,004	29,514	168,089	61,166	2,091	112,732	3,067	11,021	134	13,181	474	2,829	1,157	4	18	282
North East Thames	3.4	142,716	29,319	140,443	3,552	320	131,638	2,969	62	0	3,295	0	62	13	0	68	378
South East & South West Thames	6.5	282,188	42,036	238,782	85,895	5,768	178,836	8,763	5,777	240	13,357	405	2,998	588	0	0	10,959
Wessex	2.3	95,484	12,096	92,872	20,029	1,763	63,171	2,945	1,292	388	3,009	850	47	12	0	0	0
Oxford	2.6	107,885	18,396	106,403	19,110	1,563	67,387	3,611	0	0	0	0	375	48	0	31	0
South Western	3.4	182,008	27,811	178,482	39,255	5,387	115,372	10,957	1,019	177	1,989	681	1,620	148	0	0	3,813
West Midlands	2.5	216,485	25,681	207,436	21,707	2,508	177,500	8,390	1,361	149	3,734	976	245	229	0	7	534
Mersey	2.8	108,387	15,161	106,444	16,638	3,017	86,297	6,951	275	13	1,163	66	1,062	209	0	0	3,814
North Western	4.5	176,328	23,309	153,343	60,823	3,347	88,684	3,212	3,222	816	2,836	456	2,817	454	0	0	12,621
Wales	2.2	92,109	12,778	90,601	7,401	1,122	67,145	5,232	112	66	97	0	760	253	424	49	2
England & Wales	49.6	2,140,810	297,496	2,000,349	485,449	50,925	1,381,714	76,733	27,541	2,757	48,420	5,747	26,779	5,262	428	199	1,262

Regional Transfusion Centre	C p	OTHER RTC ACTIVITY						MATERIAL SENT TO THE CENTRAL BLOOD LABORATORIES			NOTES
	a o										
	t p	Donations (other than plasma- pheresis)									
	c u	Whole blood	Donations	collected	for specific	Platelet					
	h l	donations	from which	collected	preparations	HBSAg ¹	Whole blood	Time expired			
	m a	from which	plasma	retained for use as	immuno-	Positive cases	donations	units from			
e t	Units of	plasma	for local serology	globulin	issued	donors	from which	which plasma			
n i	cryoprec-	retained for use as	reagents			donors	ffp ² is taken	is taken and			
t o	ipitate	for local				New Existing	and sent for	sent for			
n	manufact'd	use				donors	fractionation	fractionation			
Northern	3.1	7,817	16,231	684	62	24,386	6	1	75,893	7,575	¹ General: a. This summary is based on form K038, (formerly MBTS47) a quarterly return submitted by each regional blood transfusion centre in England and Wales. b. RTC Mersey is responsible for Mersey region and North Wales. RTC Wales is responsible for South and Mid Wales. c. The catchment population is given in millions. d. The figures given for blood issued to non-NHS hospitals may be unreliable as the data submitted by many of the RTC's was incomplete. e. More detailed footnotes are given on the last page.
Yorkshire	3.2	3,666	14,999	171	449	28,334	7	1	68,256	8,657	
Trent	5.0	4,658	11,181	795	884	45,453	6	1	109,980	10,170	
East Anglia	2.0	1,639	5,994	857	523	22,998	3	0	34,719	9,403	
North West Thames	3.4	8,906	26,804	237	461	104,635	32	1	81,112	8,238	
North East Thames	3.4	2,504	17,222	34	0	66,639	8	0	113,776	4,061	
South East & South West Thames	6.5	8,988	34,212	2,227	1,657	93,081	8	21	143,831	15,737	
Wessex	2.3	1,098	8,898	198	646	18,768	7	0	60,603	2,067	
Oxford	2.6	173	7,258	657	13	19,611	4	0	73,421	2,237	
South Western	3.4	3,101	13,066	3,330	2,445	49,881	7	1	108,706	11,121	
West Midlands	5.2	3,251	16,942	2,007	1,373	52,611	10	0	155,577	0	² Fresh frozen plasma.
Mersey	2.8	3,072	10,479	1,075	640	35,705	6	4	74,975	0	³ Hepatitis B antigen.
North Western	4.5	9,673	14,906	2,316	328	36,991	12	2	81,320	10,805	
Wales	2.2	5,206	9,586	180	422	31,695	7	0	66,393	4,288	
England & Wales	49.6	62,952	297,778	14,768	9,903	630,788	131	32	1,248,472	94,359	Statistics & Management Information DH

NATIONAL BLOOD TRANSFUSION SERVICE - SUMMARY FOR PERIOD JANUARY TO MARCH 1988

Regional Transfusion Centre	WHOLE BLOOD												PLASMAPHERESIS							
	Donor Panel				Blood issued including issues to non NHS hospitals/clinics				Blood issued to non NHS hospitals/ clinics				Donor Panel		Number of donations obtained					
					Whole blood		Concentrated red cell plasma		Whole blood		Concentrated red cell plasma				Single-200 ml Double-400 ml Machine-500 ml					
		Number of donors bled	Number bled for first time	Useable contain- ers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned unused	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned unused	Number of units issued	Number on for first time	Speci- fic plasma	Speci- fic plasma	Speci- fic plasma	Speci- fic plasma	Speci- fic plasma	
Northern	3.1	32,194	2,651	31,329	6,653	2,349	20,025	3,407	13	29	279	138	524	7	0	0	0	160	194	
Yorkshire	3.2	34,235	5,309	32,699	11,517	1,796	17,830	1,843	117	22	469	241	7,900	112	0	12	0	38	4,808	
Trent	5.0	52,021	6,142	42,354	9,552	305	27,773	360	557	0	2	0	4,541	116	0	0	0	3	3,930	
East Anglia	1.9	25,591	2,509	25,073	11,643	2,473	9,099	652	351	193	480	196	555	62	0	0	0	0	1,943	
North West Thames	3.4	48,443	7,707	47,435	17,854	637	28,870	724	2,935	41	3,436	118	2,590	254	3	4	404	76	2,936	
North East Thames	3.4	36,689	7,770	36,082	2,092	107	29,047	0	40	0	899	0	81	7	0	22	0	106	0	
South East & South West Thames	6.5	69,196	10,410	57,909	22,663	1,587	42,987	2,892	1,710	120	3,279	227	2,056	118	0	0	0	0	2,671	
Wessex	2.3	25,111	3,096	24,361	6,412	613	14,674	892	386	134	635	272	43	4	0	0	0	0	69	
Oxford	2.6	27,267	4,641	26,816	5,469	486	15,758	781	0	0	0	0	406	20	0	6	0	0	451	
South Western	3.4	48,965	6,866	48,063	12,851	2,168	25,939	2,601	300	44	571	294	1,412	60	0	0	0	0	935	
West Midlands	5.2	53,666	5,961	51,620	6,006	759	40,244	2,233	262	31	1,318	318	198	107	0	0	0	129	0	
Hersey	2.8	30,105	3,878	29,459	4,945	788	21,819	1,975	76	13	313	66	1,186	60	0	0	0	0	993	
North Western	4.5	48,041	7,575	41,596	15,877	961	23,054	872	910	245	680	71	2,563	104	0	0	245	0	2,940	
Wales	2.2	25,168	3,416	24,705	1,592	293	18,114	1,334	112	86	97	0	490	34	146	16	6	0	677	
England & Wales	49.5	556,692	77,931	519,501	135,126	15,322	335,241	20,566	7,769	958	12,458	1,941	24,545	1,065	149	60	655	352	21,544	

Regional Transfusion Centre	C p	OTHER RTC ACTIVITY						MATERIAL SENT TO THE CENTRAL BLOOD LABORATORIES			NOTES
	a o										
	t p	Donations (other than plasma- pheresis)						HBSAg ¹ Positive cases			
	cu	Whole blood donations	from which plasma collected	Donations collected for use as serology reagents	for specific immuno- globulin	Platelet preparations issued			Whole blood donations from which ffp ² is taken and sent for fractionation	Time expired units from which plasma is taken and sent for fractionation	
	n a	Units of cryoprec- ipitate manufact'd	retained for local use				New donors	Existing donors			
Northern	3.1	1,960	5,104	174	0	5,870	2	1	15,953	2,277	c. The catchment population is given in millions.
Yorkshire	3.2	886	3,135	55	159	7,256	3	0	17,076	2,750	
Trent	5.0	1,697	2,109	67	229	10,908	0	0	28,220	3,735	d. The figures given for blood issued to non-NHS hospitals may be unreliable as the data submitted by many of the RTC's was incomplete.
East Anglia	1.9	398	1,415	217	117	6,217	1	0	9,225	2,868	
North West Thames	3.4	3,920	6,999	88	87	27,110	7	0	15,721	2,238	e. More detailed footnotes are given on the last page.
North East Thames	3.4	239	3,196	0	0	14,916	0	0	28,993	934	
South East & South West Thames	6.5	2,118	7,801	601	637	21,685	5	1	35,226	2,147	
Wessex	2.3	234	2,001	65	172	4,528	2	0	14,362	779	
Oxford	2.6	83	1,570	166	4	5,388	1	0	18,199	715	
South Western	3.4	914	2,370	888	558	14,665	2	1	29,026	3,881	² Fresh frozen plasma.
West Midlands	5.2	959	4,155	513	279	13,155	2	0	38,763	0	³ Hepatitis B antigen.
Mersey	2.8	883	2,653	253	90	9,171	3	3	20,655	0	
North Western	4.5	3,852	4,840	604	91	9,023	4	0	20,934	3,593	
Wales	2.2	2,852	2,468	63	117	8,781	4	0	16,960	1,641	
England & Wales	49.5	20,995	49,816	3,754	2,540	158,671	36	6	309,313	27,558	Statistics & Management Information DE

- ¹ General: a. This summary is based on form K038, (formerly HBTS 47) quarterly returns submitted by each regional blood transfusion centre in England and Wales.
- b. RTC Hersey is responsible for Hersey region and North Wales. RTC Wales is responsible for South and Mid Wales.
- c. The catchment population is given in millions.
- d. The figures given for blood issued to non-NHS hospitals may be unreliable as the data submitted by many of the RTC's was incomplete.
- e. More detailed footnotes are given on the last page.

² Fresh frozen plasma.

³ Hepatitis B antigen.

Statistics & Management Information
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		WHOLE BLOOD												PLASMAPHERESIS											
Regional Transfusion Centre	C p a o t p c u b l n a e t n i o n	Donor Panel							Blood issued including issues to non NHS hospitals/clinics					Blood issued to non NHS hospitals/ clinics				Donor Panel		Number of donations obtained					
		Number of donors bled	Number bled for first time	Useable containers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned unused	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned unused	Number of plasmaphereses on for first time	Number of plasmaphereses on for first time	Specif fic ffp ^a	Specif fic ffp ^a	Specif fic ffp ^a	Specif fic ffp ^a							
Northern Yorkshire	3.1	29,468	2,680	28,663	5,537	1,900	20,030	2,506	12	3	187	68	531	35	0	0	0	0	148	107					
Trent	5.0	46,877	5,390	38,828	9,640	270	28,735	294	265	0	485	0	4,103	143	0	1	0	60	5,608	242					
East Anglia	1.9	22,413	2,204	21,901	10,876	2,124	10,798	680	302	156	556	173	609	54	0	0	0	0	1,026	0					
North West Thames	3.4	47,392	5,074	46,453	15,246	520	25,901	629	3,089	30	3,435	105	2,652	235	0	6	325	73	3,345	848					
North East Thames	3.4	32,591	9,874	31,936	816	155	32,187	1,382	11	0	756	0	73	2	0	21	0	108	0	0					
South East & South West Thames	6.5	66,656	10,051	56,878	21,436	1,400	39,788	2,159	1,429	70	3,100	124	2,760	158	0	0	0	0	2,518	256					
Wessex	2.3	22,760	2,774	22,152	5,307	478	14,514	723	488	148	998	309	45	4	0	0	0	0	0	83					
Oxford	2.6	25,794	4,213	25,409	4,316	348	15,051	1,019	0	0	0	0	406	8	0	6	0	0	688	200					
South Western	3.4	43,396	7,191	42,564	9,014	1,208	29,644	2,561	209	44	512	202	1,384	36	0	0	0	0	922	390					
West Midlands	5.2	58,807	5,320	48,487	4,866	523	39,198	1,943	571	50	914	255	257	69	0	0	0	127	0	269					
Mersey	2.8	26,394	3,575	25,978	3,894	722	21,524	1,896	77	0	298	0	1,089	73	0	0	0	0	935	48					
North Western	4.5	41,633	6,029	36,969	16,615	903	21,205	920	760	190	665	105	2,712	99	0	0	282	0	3,099	410					
Wales	2.2	20,713	2,905	20,377	2,130	283	14,819	1,369	0	0	0	0	621	33	116	23	8	2	688	77					
England & Wales	49.5	508,969	70,313	477,046	121,189	12,253	330,778	19,303	7,358	709	12,378	1,467	25,242	1,249	116	66	615	371	23,065	3,151					

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NATIONAL BLOOD TRANSFUSION SERVICE - SUMMARY FOR PERIOD JULY TO SEPTEMBER 1988

Regional Transfusion Centre	WHOLE BLOOD												PLASMAPHERESIS																																																																																																																																																																																																																																																																																																																																																																																																																													
	Donor Panel				Blood issued including issues to non NHS hospitals/clinics				Blood issued to non NHS hospitals/clinics				Donor Panel		Number of donations obtained																																																																																																																																																																																																																																																																																																																																																																																																																											
				Whole blood				Concentrated red cell plasma				Whole blood				Concentrated red cell plasma				Single-200 ml Double-400 ml Machine-500 ml																																																																																																																																																																																																																																																																																																																																																																																																																						
e t		Number of donors bled	Number bled for first time	Useable containers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned unused	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused	Number of units issued	Units returned unused

Regional Transfusion Centre	OTHER RTC ACTIVITY												MATERIAL SENT TO THE CENTRAL BLOOD LABORATORIES		NOTES	
	C p	Whole blood donations				Donations (other than plasma-pheresis)				HBSAg ¹ Positive cases				Whole blood donations from which ffp ¹ is taken and sent for fractionation	Time expired units from which plasma is taken and sent for fractionation	1 General: a. This summary is based on form K038, (formerly HBTS 47) quarterly return submitted by each regional blood transfusion centre in England and Wales b. RTC Mersey is responsible for Mersey region and North Wales. RTC Wales is responsible for South and Mid Wales. c. The catchment population is given in millions. d. The figures given for blood issued to non-NHS hospitals may be unreliable as the data submitted by many of the RTC's was incomplete. e. More detailed footnotes are given on the last page.
	a o															
	t p															
	c u															
	h l															2 Fresh frozen plasma. 3 Hepatitis B antigen.
	n a															
	e t	Units of cryoprecipitate	from which plasma collected	Donations retained for local use	Donations collected for serology reagents	Donations collected for specific immuno-preparations	Platelet preparations issued	New Existing donors	Existing donors	fractionation						
	n	manufact'd	use	reagents	globulin											
Northern	3.1	1,119	3,114	190	17	6,472	3	0	22,963	2,061						
Yorkshire	3.2	1,366	3,580	36	129	7,343	3	0	15,412	2,125						
Trent	5.0	1,274	2,578	217	199	11,528	2	0	28,060	2,347						
East Anglia	1.9	331	1,509	209	160	5,856	0	0	8,222	1,866						
North West Thames	3.4	1,192	6,244	43	141	26,427	11	0	22,509	1,924						
North East Thames	3.4	666	4,578	29	0	17,956	4	0	28,616	403						
South East & South West Thames	6.5	2,853	9,717	583	449	23,688	0	2	36,517	8,812						
Wessex	2.3	146	2,075	31	164	4,807	1	0	16,839	252						
Oxford	2.6	24	2,011	168	4	4,621	1	0	21,194	684						
South Western	3.4	522	3,486	848	624	11,606	1	0	27,818	1,970						
West Midlands	5.2	803	4,397	487	335	13,539	8	0	41,038	0						
Mersey	2.8	883	2,653	284	209	8,170	1	1	17,473	0						
North Western	4.5	3,001	3,552	530	124	8,900	1	0	20,012	2,385						
Wales	2.2	347	2,174	42	81	6,590	1	0	17,111	727						
England & Wales	49.5	14,527	51,666	3,697	2,636	157,503	37	3	323,784	25,636						

NATIONAL BLOOD TRANSFUSION SERVICE - SUMMARY¹ FOR PERIOD OCTOBER TO DECEMBER 1988

Regional Transfusion Centre	WHOLE BLOOD												PLASMAPHERESIS										
	Donor Panel				Blood issued including issues to non NHS hospitals/clinics				Blood issued to non NHS hospitals/clinics				Donor Panel		Number of donations obtained								
					Whole blood				Concentrated red cell plasma						Single-200 ml Double-400 ml Machine-500 ml								
et	Number of donors bled	Number bled for first time	Useable containers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned
ni	of donors bled	Number bled for first time	Useable containers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned
to	of donors bled	Number bled for first time	Useable containers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned
n	of donors bled	Number bled for first time	Useable containers obtained	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned	Number of units issued	Units returned unused	Reduced units issued	Reduced units returned
Northern	3.1	29,336	2,864	28,539	5,339	1,729	19,363	1,702	10	8	173	53	586	193	0	0	0	0	442	213			
Yorkshire	3.2	31,717	4,997	30,553	10,511	1,441	15,634	1,655	124	49	391	153	8,661	261	0	0	0	46	3,732	406			
Trent	5.0	50,714	6,620	40,917	9,611	231	29,569	431	288	0	468	0	4,108	106	0	0	0	0	4,042	198			
East Anglia	2.0	22,201	1,667	21,635	11,144	2,192	9,815	548	344	115	621	218	511	12	0	0	0	0	782	76			
North West Thames	3.4	50,782	8,919	49,730	13,627	459	31,020	1,056	2,290	19	2,971	136	2,829	361	1	0	231	63	4,585	1,007			
North East Thames	3.4	38,520	7,916	37,750	123	4	34,832	719	0	0	785	0	62	0	0	15	0	79	0	0			
South East & South West Thames	6.5	73,982	11,787	61,945	20,383	1,530	44,024	1,925	1,180	23	3,758	26	2,996	124	0	0	0	0	3,040	257			
Wessex	2.3	23,687	3,159	22,935	4,227	307	17,550	663	195	41	734	148	47	2	0	0	0	0	0	57			
Oxford	2.6	28,471	5,378	28,041	4,576	391	18,919	917	0	0	0	0	375	8	0	8	0	0	610	170			
South Western	3.4	44,194	7,547	43,261	8,895	1,012	30,787	3,022	284	41	514	90	1,620	28	0	0	0	0	950	309			
West Midlands	5.2	55,749	7,367	53,693	5,213	552	48,239	1,697	245	28	756	268	245	36	0	7	0	141	0	142			
Hersey	2.8	25,642	4,011	25,197	3,678	834	21,477	1,440	33	0	209	0	1,062	28	0	0	0	0	938	48			
North Western	4.5	43,147	5,042	37,732	13,289	692	22,642	720	765	195	792	125	2,917	130	0	0	313	0	3,054	345			
Wales	2.2	24,098	3,666	23,692	1,897	277	17,631	1,405	0	0	0	0	760	156	93	4	0	0	1,011	80			
England & Wales	49.6	542,240	81,140	505,620	112,513	11,651	361,502	17,900	5,758	519	12,172	1,217	26,779	1,445	94	34	544	329	23,186	3,308			

Regional Transfusion Centre	C p	OTHER RTC ACTIVITY						MATERIAL SENT TO THE CENTRAL BLOOD LABORATORIES			NOTES
	a o										
	t p	Donations (other than									
	cu	Whole blood	donations	from which	Donations	plasma- pheresis)	HBSAg ¹	Whole blood	Time expired		
	hl	donations	from which	Donations	plasma- pheresis)	Positive cases	donations	units from			
	ma	from which	Donations	plasma- pheresis)	Positive cases	from which	units from				
	et	Units of	plasma	collected	collected	ffp ² is taken	is taken and				
	mi	cryoprec-	retained for	use as for	specific	Platelet	and sent for	fractionation			
to	ipitate	for local	serology	immun-	preparations	New Existing					
n	manufact'd	use	reagents	globulin	issued	donors	donors	fractionation			
Northern	3.1	2,629	3,687	154	35	5,942	1	0	21,467	1,614	
Yorkshire	3.2	463	4,712	30	29	6,072	1	1	21,489	1,441	
Trent	5.0	513	3,546	352	270	11,930	2	0	27,860	1,793	
East Anglia	2.0	454	1,387	210	96	5,340	1	0	8,496	2,108	
North West Thames	3.4	1,467	7,512	65	138	24,723	6	1	20,380	1,817	
North East Thames	3.4	1,074	4,628	5	0	17,350	0	0	30,630	1,293	
South East & South West Thames	6.5	1,947	8,316	565	4	26,094	0	10	38,189	2,598	
Wessex	2.3	426	2,680	48	121	4,755	1	0	15,724	364	
Oxford	2.6	21	1,896	171	0	4,651	2	0	17,218	426	
South Western	3.4	642	3,799	736	653	10,372	2	0	25,865	2,559	
West Midlands	5.2	596	3,870	418	466	13,692	6	0	40,200	0	
Hersey	2.8	762	2,573	276	151	9,573	0	0	20,799	0	
North Western	4.5	72	3,292	549	42	9,615	5	1	21,206	2,093	
Wales	2.2	680	2,526	46	130	8,524	1	0	18,192	587	
England & Wales	49.6	11,746	54,424	3,625	2,135	158,633	28	13	327,715	18,693	

¹ General: a. This summary is based on form K038, (formerly HBTS 47) quarterly returns submitted by each regional blood transfusion centre in England and Wales

b. RTC Hersey is responsible for Hersey region and North Wales. RTC Wales is responsible for South and Mid Wales.

c. The catchment population is given in millions.

d. The figures given for blood issued to non-NHS hospitals may be unreliable as the data submitted by many of the RTC's was incomplete.

e. More detailed footnotes are given on the last page.

² Fresh frozen plasma.

³ Hepatitis B antigen.

Statistics & Management Information
DH

NATIONAL BLOOD TRANSFUSION SERVICE - COMPARISON OF ANNUAL FIGURES FROM 1978 TO 1988 - ENGLAND & WALES

Year	Whole Blood					Units of cryoprecipitate manufact'd	Whole blood donations from which plasma retained for local use	Platelet preparations issued	Whole blood donations from which ffp ² is taken and sent for fractionation
	Number of donors bled	Number bled for first time	Useable containers obtained	units issued ¹	returned unused ¹				
Thousands									
1978	2,124	..	1,931	1,663	239	164	..	..	..
1979	2,144	..	1,942	1,705	226	145	..	..	..
1980	2,220	..	2,019	1,793	234	127	..	..	..
1981	2,256	..	2,065	1,837	234	103	..	..	..
1982	2,059	270	1,983	1,785	197	89	98	329	675
1983	2,136	278	2,056	1,830	172	94	122	364	776
1984	2,159	282	2,070	1,873	149	96	135	404	857
1985	2,119	279	2,044	1,844	143	81	157	462	942
1986	2,128	284	2,054	1,861	144	73	172	547	1,056
1987	2,094	277	1,985	1,833	148	75	188	613	1,140
1988	2,141	297	2,000	1,867	128	63	208	631	1,248

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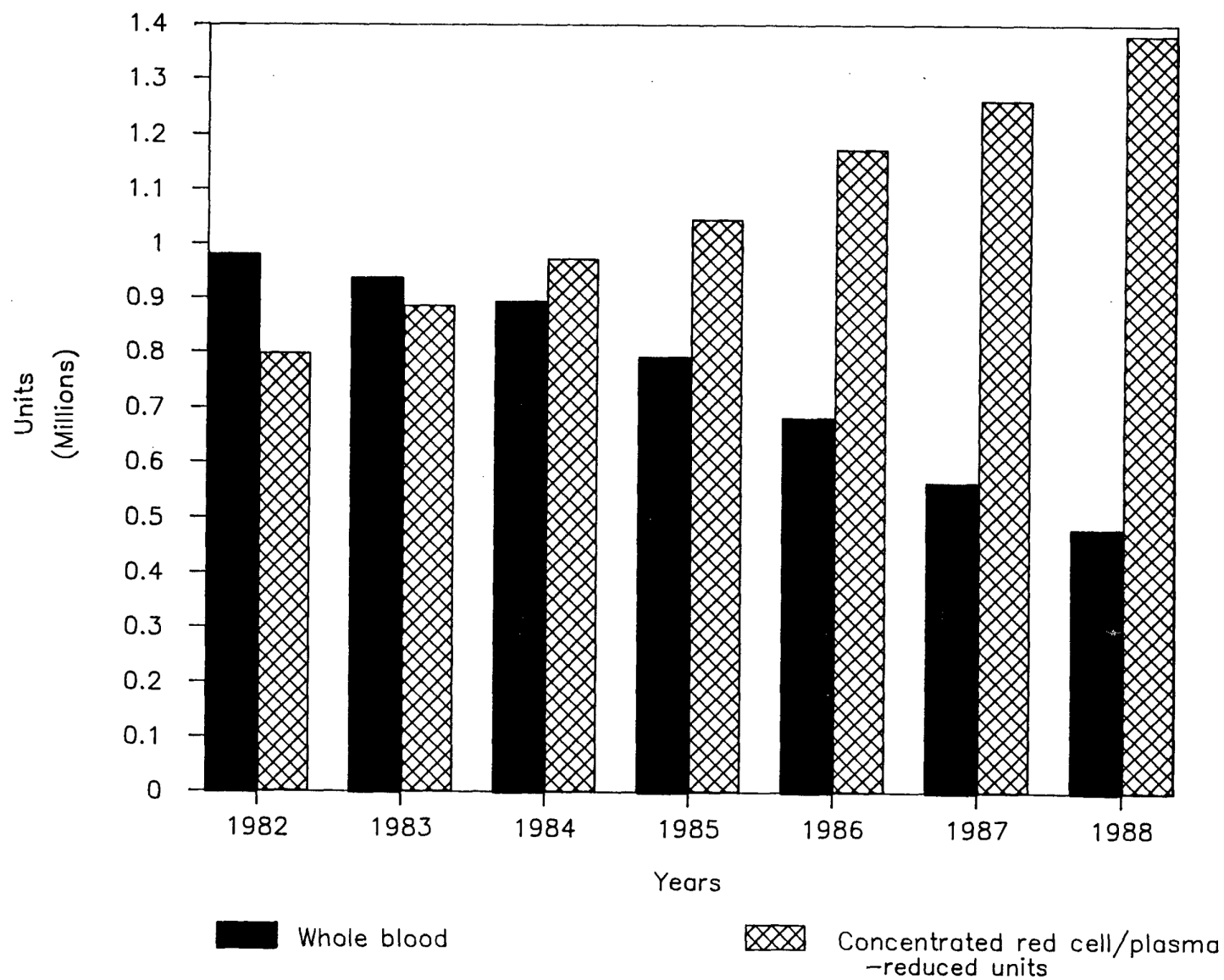
1978	100	..	100	100	100	100	..	..	..
1979	101	..	101	103	95	89	..	..	..
1980	105	..	105	108	98	78	..	..	..
1981	106	..	107	110	98	63	..	..	..
1982	97	100	103	107	83	54	100	100	100
1983	101	103	106	110	72	58	124	111	115
1984	102	104	107	113	62	59	138	123	127
1985	100	103	106	111	60	50	160	141	139
1986	100	105	106	112	60	44	175	166	156
1987	99	102	103	110	62	46	192	186	169
1988	101	110	104	112	53	39	212	192	185

¹ Includes concentrated red cell plasma and issues to non NHS hospitals and clinics.

² Fresh frozen plasma.

BLOOD UNITS ISSUED 1982-1988

(including issues to non NHS institutions)



Region	Column Headings	Details	Quarter
Northern	Whole blood(including issues to non-NHS hospitals):		
	No.of reduced units issued	Data includes Optimal Additive	1,2,3,4
	No.of reduced units returned unused	Data includes Optimal Additive	1,2,3,4
	Whole blood(issues to non-NHS hospitals & clinics):		
	No.of reduced units issued	Data includes Optimal Additive	1,2,3,4
	No.of reduced units returned unused	Data includes Optimal Additive	1,2,3,4
Yorkshire	RTC Catchment population	Figures relate to 1984	4
Trent	Whole blood(issues to non-NHS hospitals & clinics):		
	No.of units issued	Data includes concentrated red cell plasma reduced units	1
	All figures	Data excludes figures for Northern General Hospital	2
	RTC Catchment population	Year to which data relates not specified	4
East Anglia	Material sent to central blood laboratories	Data excludes plasmapheresis (litres)	1,2,3,4
	RTC Catchment population	Figures relate to 1987	4
NW Thames	Other RTC activity.Platelet preparations prepared	Data excludes buffy coats prepared	1,2,3,4
	RTC Catchment population	Figures relate to 1982	4
NE Thames	RTC Catchment population	Year to which data relates not specified	4
SE & SW Thames	RTC Catchment population	Figures relate to 1984	
Hessex	RTC Catchment population	Year to which data relates not specified	4
Oxford	Other RTC activity.Platelet preparations prepared	Data includes random and pheresis	1,2,3,4
	Whole blood(including issues to non-NHS hospitals):		
	No.of units issued	"Only incomplete information available"	1,2,3,4
	No.of units returned unused	"Only incomplete information available"	1,2,3,4
	No.of reduced units issued	"Only incomplete information available"	1,2,3,4
	No.of reduced units returned unused	"Only incomplete information available"	1,2,3,4
South Western	RTC Catchment population	Year to which data relates not specified	4
West Midlands	RTC Catchment population	Data relates to 1982	4
Mersey	Whole blood(including issues to non-NHS hospitals):		
	No.of reduced units issued	Data includes Sag M	1,2,3,4
	No.of reduced units returned unused	Data includes Sag M	1,2,3,4
	Whole blood(issues to non-NHS hospitals & clinics):		
	No.of reduced units issued	Data includes Sag M	1,2,3,4
	No.of reduced units returned unused	Data includes Sag M	1,2,3,4
	Other RTC activity.Platelet preparations prepared	Data includes single donations from plasmapheresis	1,2,3,4
	RTC Catchment population	Data relates to 1982	4
North Western	Whole blood(including issues to non-NHS hospitals):		
	No.of reduced units issued	Data includes Sag M	1,2,3,4
	No.of reduced units returned unused	Data includes Sag M	1,2,3,4
	Number of donations obtained. Double 400ml	Data includes platelet apheresis	1,4
	Number of donations obtained. Machine 500ml	Data includes haemonetic packs	1
	RTC Catchment population	Year to which data relates not specified	4
Wales	RTC Catchment population	Data relates to 1988	4