

## Blood Donor registry data on blood donors and donations in 2021

### Data on registry objects

Indicator	Number
Applicants, wishing to donate blood or blood components*	59873
Total blood donors from them:	54120
primary**	8115
regular and repeat donors	46005
First-time donors***	10558
Deregistered applicants****	717

\* total number of applicants who've donated blood in 2021 and applicants that did not pass the medical assessment

\*\* blood donors, who donated blood in 2021 for the first time in their life and only once during that year

\*\*\* blood donors, who donated blood in 2021 for the first time in their life, regardless of how many times blood was donated later that year

\*\*\*\* number of applicants whose data has been moved to the database archive after their death in 2021

### Visits and donations in Blood donation institutions

Blood donation institution	Visits	Donations
National Blood Center	73231	64088
Santaros Clinics Blood Center	29699	25980
Kaunas Clinics Blood Center	13102	11500
<b>Total:</b>	<b>116032</b>	<b>101568</b>

### Visits and donations in Municipalities

Municipality	Visits	Donations
Akmenė district	296	254
Alytus city	1591	1377
Alytus district	23	20
Anykščiai district	667	581
Biržai district	464	428
Druskininkai	509	432
Elektrėnai	441	381
Ignalina district	347	282
Jonava district	1744	1513
Joniškis district	657	580

<b>Municipality</b>	<b>Visits</b>	<b>Donations</b>
Jurbarkas district	348	308
Kaišiadorys district	476	384
Kalvarijos	237	207
Kaunas city	18944	16426
Kaunas district	92	82
Kazlų Rūda	327	271
Kėdainiai district	950	847
Kelmė district	453	413
Klaipėda city	9498	8551
Klaipėda district	270	250
Kretinga district	531	489
Kupiškis district	300	277
Lazdijai district	308	248
Marijampolė	1654	1438
Mažeikiai district	948	828
Molėtai district	213	187
Pagėgiai	238	219
Pakruojis district	382	349
Palanga city	77	67
Panevėžys city	5495	4942
Panevėžys district	391	359
Pasvalys district	751	650
Plungė district	431	388
Prienai district	248	209
Radviliškis district	219	203
Raseiniai district	678	622
Rietavas	325	280
Rokiškis district	886	813
Skuodas district	283	256
Šakiai district	420	356
Šalčininkai district	353	297
Šiauliai city	6426	5869
Šiauliai district	47	35
Šilalė district	840	764
Šilutė district	815	709
Širvintos district	211	179
Švenčionys district	443	356
Tauragė district	1004	876
Telšiai district	721	655
Trakai district	352	303
Ukmergė district	521	420
Utena district	973	832
Varėna district	344	293
Vilkaviškis district	1299	1124
Vilnius city	46994	40803
Vilnius district	590	492
Visaginas	590	486
Zarasai district	397	308
<b>Total:</b>	<b>116032</b>	<b>101568</b>

### Distribution of donations by donation place

Blood donation institution	Donation place		Total
	Stationary point	Mobile point	
National Blood Center	14581	49507	64088
Kaunas Clinics Blood Center	8583	2917	11500
Santaros Clinics Blood Center	24027	1953	25980
<b>Total:</b>	<b>47191</b>	<b>54377</b>	<b>101568</b>

### Voluntary, no remunerated and paid blood donations in Blood donation institutions

Blood donation institution	First-time donations			Repeat donations			All donations		
	Paid	Unpaid	Total	Paid	Unpaid	Total	Paid	Unpaid	Total
National Blood Center	0	6518	6518	0	57570	57570	0	64088	64088
Kaunas Clinics Blood Center	0	2440	2440	0	9060	9060	0	11500	11500
Santaros Clinics Blood Center	0	1600	1600	1	24379	24380	1	25979	25980
<b>Total:</b>	<b>0</b>	<b>10558</b>	<b>10558</b>	<b>1</b>	<b>91009</b>	<b>91010</b>	<b>1</b>	<b>101567</b>	<b>101568</b>

### Conditions requiring temporary deferral (suspension) and conditions requiring permanent deferral

Blood donation institution	Temporary deferral (suspension)	Permanent deferral	Total
National Blood Center	9328	196	9524
Kaunas Clinics Blood Center	1636	33	1669
Santaros Clinics Blood Center	3586	87	3673
<b>Total:</b>	<b>14550</b>	<b>316</b>	<b>14866</b>

### Conditions requiring temporary deferral

Reasons of temporary deferral (suspension)	Blood donation institution			Total
	Kaunas Clinics Blood Center	National Blood Center	Santaros Clinics Blood Center	
Acupuncture performed by an unlicensed health care professional	0	1	5	6
anti-erythrocyte antibodies	14	0	9	23
Intoxication from alcohol and other substances	0	0	3	3
Asymptomatic visitors of endemic areas	0	51	3	54
Persons who are at risk due to close household contact with individuals infected hepatitis B, hepatitis C, HIV	0	0	2	2
Selective anti-TP reactive and confirmatory indefinite	0	3	0	3
Selective HBV DNR reactive and confirmatory negative	0	2	0	2
Selective serological anti-HCV reactive and confirmatory negative	0	0	1	1
Selective serological anti-HCV reactive and confirmatory indefinite	1	15	0	16
Selective serological anti-HCV reactive and confirmatory negative	14	47	9	70
Selective serological anti-TP reactive and confirmatory negative	13	26	2	41
Selective serological anti-HIV1,2 reactive and confirmatory indefinite	1	0	0	1
Selective serological anti-HIV1,2 reactive and confirmatory negative	27	17	11	55
Selective serological HbsAg reactive and confirmatory negative	27	28	8	63
Selective serological anti-HCV reactive	1	0	3	4
Selective serological anti-TP reactive	0	7	5	12
Selective serological anti-HIV1,2 reactive	0	2	0	2
Selective serological HbsAg reactive	0	1	0	1
Refusal to donate	11	78	17	106
Presence in pre-detention facilities or places of detention	3	7	2	12
Teeth treatment	7	26	0	33
Major surgery	38	295	75	408
Violation of donor rules	0	3	2	5
Endoscopy with biopsy using flexible Instruments	9	88	111	208
Taking of a medication	26	193	54	273
Influenza or similar diseases	3	70	20	93
Inappropriate hemoglobin level	1179	5337	2681	9197
Hepatitis A or Hepatitis B vaccine	0	0	7	7
Fever	6	5	0	11

Reasons of temporary deferral (suspension)	Blood donation institution			Total
	Kaunas Clinics Blood Center	National Blood Center	Santaros Clinics Blood Center	
Cases of fainting or convulsions	0	1	0	1
Others health problems	2	0	0	2
Others reasons of temporary deferral (suspension)	109	847	222	1178
Transfusion of blood components	0	0	1	1
Diseases of the blood, immune system, respiratory system, sex and urinary system, metabolism, digestive system	0	2	0	2
Inappropriate leukocyte level	0	0	23	23
Malaria	0	2	0	2
Minor surgery	1	2	12	15
Veins not visible	0	344	72	416
Pregnancy	1	18	3	22
Inappropriate donor age	0	0	2	2
Inappropriate blood pressure	58	548	113	719
Inappropriate pulse rate and rhythm	11	655	16	682
Osteomyelitis	0	1	0	1
Body weight is too low	10	38	10	58
Attenuated viruses or bacteria	4	0	0	4
Tattooing or body piercing	60	463	44	567
Technical barriers	0	0	1	1
Inappropriate platelet level	0	0	31	31
West Nile fever (Virus)	0	104	6	110
Tissue or cell transplant of human origin	0	1	0	1
<b>Total:</b>	<b>1636</b>	<b>9328</b>	<b>3586</b>	<b>14550</b>

### Conditions requiring permanent deferral

Reasons of permanent deferral	Blood donation institution			Total
	Kaunas Clinics Blood Center	National Blood Center	Santaros Clinics Blood Center	
anti-erythrocyte antibodies	0	14	0	14
Detected infectious disease	0	3	0	3
Individuals with malaria	0	1	0	1
Selective HBV DNR reactive	0	2	0	2
Selective serological anti-HCV reactive	1	20	0	21
Selective serological anti-TP reactive	0	25	0	25
Selective serological anti-HIV1,2 reactive	0	5	0	5
Selective serological HbsAg reactive	0	5	0	5
A history of cerebrovascular diseases	4	15	4	23
Diabetes	0	2	5	7
Infectious diseases	0	0	1	1
Any history of injectable drug abuse, intravenous / intramuscular anabolic steroids or hormonal preparations	2	1	0	3
Cases of fainting or convulsions	0	0	1	1
Other conditions requiring permanent deferral	0	5	7	12
Diseases of the blood, immune system, respiratory system, sex and urinary system, metabolism, digestive system	2	0	0	2
Cardiovascular disease	3	0	20	23
Inappropriate donor age	0	8	0	8
Confirmed anti-HCV positive	5	16	4	25
Confirmed anti-TP positive	9	20	6	35
Confirmed anti-HIV1,2 positive	1	3	1	5
Confirmed HBsAg positive	6	25	9	40
Confirmed HBV DNR positive	0	5	0	5
Confirmed HCV RNR positive	0	1	0	1
Cancer / Malignant diseases	0	15	25	40
Sexual behavior	0	5	2	7
Prohibition on donor history	0	0	2	2
<b>Total:</b>	<b>33</b>	<b>196</b>	<b>87</b>	<b>316</b>

### Distribution of donations by gender, age and remuneration status of donors

Gender / age	Donations		Total
	Paid	Unpaid	
<b>Man</b> From them:	<b>1</b>	<b>61162</b>	<b>61163</b>
15–19	0	1757	1757
20–24	0	8153	8153
25–29	0	9104	9104
30–34	0	9653	9653
35–39	0	9383	9383
40–44	0	8470	8470
45–49	0	6859	6859
50–54	1	4370	4371
55–59	0	2384	2384
60–64	0	978	978
65 and older	0	51	51
<b>Women</b> From them:	<b>0</b>	<b>40405</b>	<b>40405</b>
15–19	0	1692	1692
20–24	0	5423	5423
25–29	0	5120	5120
30–34	0	4959	4959
35–39	0	5646	5646
40–44	0	5662	5662
45–49	0	4844	4844
50–54	0	3644	3644
55–59	0	2336	2336
60–64	0	1040	1040
65 and older	0	39	39
<b>Total:</b>	<b>1</b>	<b>101567</b>	<b>101568</b>

### Distribution of donations by types

Type of donation	Blood donation institution			
	Kaunas Clinics Blood Center	National Blood Center	Santaros Clinics Blood Center	Total
Double erythrocytes apheresis	0	0	2595	2595
Erythrocyte apheresis	0	0	5	5
Plasmapheresis	24	0	531	555
Platelet apheresis	54	21	2552	2627
Platelet apheresis and plasmapheresis	0	0	151	151
Whole blood	11422	64067	20146	95635
<b>Total:</b>	<b>11500</b>	<b>64088</b>	<b>25980</b>	<b>101568</b>

### Confirmed markers of infections

Donor	Blood donation institution	Infections									
		HIV			HCV			HBV			Syphilis
		HIV 1/2 Anti-body	HIV 1 NAT only	Total	HCV Anti-body	HCV NAT only	Total	HBsAg	HBV NAT only	Total	anti-TP
First-time blood donors	National Blood Center	1	0	1	11	0	11	24	1	25	15
	Santaros Klinikos Blood Center	0	0	0	4	0	4	7	0	7	2
	Kauno Klinikos Blood Center	0	0	0	5	0	5	7	0	7	5
<b>Total:</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>20</b>	<b>38</b>	<b>1</b>	<b>39</b>	<b>22</b>
Regular / repeat blood donors	National Blood Center	1	0	1	5	1	6	1	3	4	3
	Santaros Klinikos Blood Center	1	0	1	0	0	0	2	0	2	4
	Kauno Klinikos Blood Center	1	0	1	0	0	0	0	0	0	4
<b>Total:</b>		<b>3</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>11</b>
<b>Total:</b>		<b>4</b>	<b>0</b>	<b>4</b>	<b>25</b>	<b>1</b>	<b>26</b>	<b>41</b>	<b>4</b>	<b>45</b>	<b>33</b>