

## Blood Donor registry data on blood donors and donations in 2020

### Data on registry objects

Indicator	Number
Applicants, wishing to donate blood or blood components*	60197
Total blood donors from them:	53985
primary**	8329
regular and repeat donors	45656
First-time donors***	10812
Deregistered applicants****	565

\* total number of applicants who've donated blood in 2020 and applicants that did not pass the medical assessment

\*\* blood donors, who donated blood in 2020 for the first time in their life and only once during that year

\*\*\* blood donors, who donated blood in 2020 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 2020

### Visits and donations in Blood donation institutions

Blood donation institution	Visits	Donations
National Blood Center	72115	62621
Santaros Klinikos Blood Center	26607	23359
Kauno Klinikos Blood Center	11136	10081
<b>Total:</b>	<b>109858</b>	<b>96061</b>

### Visits and donations in Municipalities

Municipality	Visits	Donations
Akmenės district	210	193
Alytus city	1270	1060
Alytaus district	172	143
Anykščių district	501	437
Biržų district	387	351
Druskininkų	326	282
Elektrėnų	255	204
Ignalinos district	79	68
Jonavos district	1314	1124
Joniškio district	438	380

<b>Municipality</b>	<b>Visits</b>	<b>Donations</b>
Kaišiadorių district	263	229
Kalvarijos	273	227
Kauno city	18410	16123
Kauno district	142	109
Kazlų Rūdos	306	276
Kėdainių district	691	593
Kelmės district	253	231
Klaipėdos city	9086	8127
Klaipėdos district	495	436
Kretingos district	479	426
Kupiškio district	281	246
Lazdijų district	177	145
Marijampolės	1747	1504
Mažeikių district	816	724
Molėtų district	213	177
Pagėgių	225	198
Pakruojo district	240	223
Palangos city	61	58
Panevėžio city	6213	5514
Panevėžio district	326	291
Pasvalio district	502	447
Plungės district	444	373
Prienų district	139	102
Radviliškio district	689	622
Raseinių district	275	254
Rietavo	121	111
Rokiškio district	784	690
Skuodo district	139	120
Šakių district	345	285
Šalčininkų district	187	152
Šiaulių city	6536	6087
Šiaulių district	36	33
Šilalės district	557	495
Šilutės district	709	609
Širvintų district	263	202
Švenčionių district	68	56
Tauragės district	1149	1014
Telšių district	765	683
Trakų district	213	179
Ukmergės district	364	282
Utenos district	857	729
Varėnos district	290	248
Vilkaviškio district	561	494
Vilniaus city	47188	40849
Vilniaus district	235	196
Visagino	540	443
Zarasų district	253	207
<b>Total:</b>	<b>109858</b>	<b>96061</b>

### Distribution of donations by donation place

Blood donation institution	Donation place		Total
	Stationary point	Mobile point	
National Blood Center	15365	47256	62621
Kauno Klinikos Blood Center	8031	2050	10081
Santaros Klinikos Blood Center	20258	3101	23359
<b>Total:</b>	<b>43654</b>	<b>52407</b>	<b>96061</b>

### Voluntary non 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	7413	7413	0	55208	55208	0	62621	62621
Kauno Klinikos Blood Center	0	1775	1775	19	8287	8306	19	10062	10081
Santaros Klinikos Blood Center	0	1624	1624	0	21735	21735	0	23359	23359
<b>Total:</b>	<b>0</b>	<b>10812</b>	<b>10812</b>	<b>19</b>	<b>85230</b>	<b>85249</b>	<b>19</b>	<b>96042</b>	<b>96061</b>

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

Blood donation institution	Temporary deferral (suspension)	Permanent deferral	Total
National Blood Center	9762	231	9993
Kauno Klinikos Blood Center	1051	33	1084
Santaros Klinikos Blood Center	3089	80	3169
<b>Total:</b>	<b>13902</b>	<b>344</b>	<b>14246</b>

### Conditions requiring temporary deferral

Reasons of temporary deferral (suspension)	Blood donation institution			Total
	Kauno Klinikos Blood Center	National Blood Center	Santaros Klinikos Blood Center	
Acupuncture performed by an unlicensed health care professional	0	7	6	13
anti-erythrocyte antibodies	8	0	1	9
Intoxication from alcohol and other substances	0	5	3	8
Asymptomatic visitors of endemic areas	1	86	51	138
Persons who are at risk due to close household contact with individuals infected hepatitis B, hepatitis C, HIV	0	0	1	1
Initial screening anti-TP reactive and confirmatory indeterminate	0	3	0	3
Initial screening HBV DNA reactive and confirmatory negative	0	3	0	3
Initial screening serological anti-HCV reactive and confirmatory indeterminate	4	21	0	25
Initial screening serological anti-HCV reactive and confirmatory negative	21	51	23	95
Initial screening serological anti-TP reactive and confirmatory negative	18	23	3	44
Initial screening serological anti-HIV1,2 reactive and confirmatory negative	12	41	9	62
Initial screening serological HBsAg reactive and confirmatory indeterminate	1	0	0	1
Initial screening serological HbsAg reactive and confirmatory negative	13	13	5	31
Initial screening serological anti-HCV reactive	1	0	12	13
Initial screening serological anti-TP reactive	0	3	4	7
Initial screening serological anti-HIV1,2 reactive	0	6	1	7
Refusal to donate	18	108	41	167
Presence in pre-detention facilities or places of detention	2	13	2	17
Teeth treatment	3	23	0	26
Major surgery	34	197	68	299
Violation of donor rules	1	9	0	10
Endoscopy with biopsy using flexible Instruments	12	48	48	108
Taking of a medication	37	231	45	313
Influenza or similar diseases	10	152	39	201
Inappropriate Hemoglobin level	557	5252	2215	8024
Hepatitis A or Hepatitis B vaccine	0	0	2	2
Fever	4	51	0	55
Cases of fainting or convulsions	0	11	0	11
Others health problems	2	0	0	2

Reasons of temporary deferral (suspension)	Blood donation institution			Total
	Kauno Klinikos Blood Center	National Blood Center	Santaros Klinikos Blood Center	
Others reasons of temporary deferral (suspension)	128	1093	195	1416
Transfusion of blood components	0	4	0	4
Diseases of the blood, immune system, respiratory system, sex and urinary system, metabolism, digestive system	0	3	0	3
Inappropriate leukocyte level	1	0	35	36
Malaria	0	5	0	5
Minor surgery	3	4	10	17
Veins not visible	0	569	25	594
Pregnancy	6	16	7	29
Inappropriate donor age	0	0	5	5
Inappropriate blood pressure	96	510	103	709
Inappropriate pulse rate and rhythm	19	671	1	691
Body weight is too low	5	60	7	72
Attenuated viruses or bacteria	2	0	0	2
Tattooing or body piercing	32	432	81	545
Technical barriers	0	1	2	3
Inappropriate platelet level	0	0	37	37
Tuberculosis	0	0	1	1
West Nile fever (Virus)	0	37	0	37
Tissue or cell transplant of human origin	0	0	1	1
<b>Total:</b>	<b>1051</b>	<b>9762</b>	<b>3089</b>	<b>13902</b>

### Conditions requiring permanent deferral

Conditions requiring permanent deferral	Blood donation institution			Total
	Kauno klinikos Blood Center	National Blood Center	Santaros Klinikos Blood Center	
anti-erythrocyte antibodies	0	16	0	16
Individuals with malaria	0	1	0	1
Initial screening serological HBsAg reactive and confirmatory negative	0	1	0	1
Initial screening serological anti-HCV reactive	0	27	0	27
Initial screening serological anti-TP reactive	0	13	0	13
Initial screening serological anti-HIV1,2 reactive	0	4	0	4
Initial screening serological HBsAg reactive	0	12	0	12
A history of cerebrovascular diseases	4	17	10	31
Diabetes	1	2	0	3
Infectious disease: babesiosis	0	1	0	1
Infectious disease: Hepatitis C	0	1	0	1
Infectious disease: Syphilis	0	1	0	1
Infectious disease: Tuberculosis	0	1	0	1
Any history of injectable drug abuse, intravenous / intramuscular anabolic steroids or hormonal preparations	0	0	1	1
Cases of fainting or convulsions	0	0	3	3
Other conditions requiring permanent deferral	0	4	6	10
Diseases of the blood, immune system, respiratory system, sex and urinary system, metabolism, digestive system	1	4	4	9
Cardiovascular disease	0	0	22	22
Inappropriate donor age	0	7	0	7
Confirmed anti-HCV positive	9	28	9	46
Confirmed anti-TP positive	1	21	3	25
Confirmed anti-HIV1,2 positive	1	5	0	6
Confirmed HBsAg positive	11	33	6	50
Confirmed HBV DNA positive	1	0	1	2
Cancer / Malignant diseases	4	24	11	39
Sexual behavior	0	8	2	10
Prohibition on donor history	0	0	2	2
<b>Total:</b>	<b>33</b>	<b>231</b>	<b>80</b>	<b>344</b>

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

Gender / age	Donations		Total
	Paid	Unpaid	
<b>Man</b> From them:	<b>19</b>	<b>55641</b>	<b>55660</b>
15–19	0	2004	2004
20–24	0	7771	7771
25–29	2	8892	8894
30–34	1	8887	8888
35–39	6	8484	8490
40–44	2	7518	7520
45–49	6	5820	5826
50–54	2	3586	3588
55–59	0	1936	1936
60–64	0	707	707
65 and older	0	36	36
<b>Women</b> From them:	<b>0</b>	<b>40401</b>	<b>40401</b>
15–19	0	2345	2345
20–24	0	5898	5898
25–29	0	5672	5672
30–34	0	5053	5053
35–39	0	5487	5487
40–44	0	5394	5394
45–49	0	4595	4595
50–54	0	3110	3110
55–59	0	2074	2074
60–64	0	760	760
65 and older	0	13	13
<b>Total:</b>	<b>19</b>	<b>96042</b>	<b>96061</b>

### Distribution of donations by types

Type of donation	Blood donation institution			Total
	Kauno Klinikos Blood Center	National Blood Center	Santaros Klinikos Blood Center	
Double erythrocytes apheresis	0	0	3111	3111
Erythrocyte apheresis	0	0	21	21
Plasmapheresis	27	0	353	380
Platelet apheresis	72	55	1682	1809
Platelet apheresis and plasmapheresis	0	0	914	914
Whole blood	9982	62566	17278	89826
<b>Total:</b>	<b>10081</b>	<b>62621</b>	<b>23359</b>	<b>96061</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	0	0	0	23	0	23	29	0	29	16
	Santaros Klinikos Blood Center	0	0	0	8	0	8	5	0	5	2
	Kauno Klinikos Blood Center	0	0	0	7	0	7	10	1	11	1
<b>Total:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>38</b>	<b>44</b>	<b>1</b>	<b>45</b>	<b>19</b>
Regular / repeat blood donors	National Blood Center	3	0	3	4	0	4	2	0	2	2
	Santaros Klinikos Blood Center	0	0	0	0	0	0	1	1	2	1
	Kauno Klinikos Blood Center	1	0	1	2	0	2	1	0	1	1
<b>Total:</b>		<b>4</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>4</b>
<b>Total:</b>		<b>4</b>	<b>0</b>	<b>4</b>	<b>44</b>	<b>0</b>	<b>44</b>	<b>48</b>	<b>2</b>	<b>50</b>	<b>23</b>