

Rare Platelet Disorders - 2021

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Note: Prior national demographic reports were produced from the Canadian Hemophilia Registry. Beginning with 2018, these reports are now produced from the Canadian Blood Disorders Registry, which covers all of Canada except British Columbia. Numbers for British Columbia were retrieved separately and added to the CBDR totals.

Rare Platelet Disorders - Statistics Canada age groups

Coverage: All of Canada

Data source: CBDR, BC iChip

Year: 2021

		Age Group											
BleedingDisorder	GenderCode	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Platelet Disorder - Familial Thrombocytopenia - Other	Male	1	0	1	4	0	0	1	0	0	0	0	7
Platelet Disorder - Familial Thrombocytopenia - Other	Female	0	0	0	1	1	1	0	2	0	0	0	5
Platelet Disorder - Familial Thrombocytopenia - Other	Total	1	0	1	5	1	1	1	2	0	0	0	12
Platelet Disorder - Familial Thrombocytopenia - Undefined	Male	0	0	2	1	3	1	2	1	0	1	0	11
Platelet Disorder - Familial Thrombocytopenia - Undefined	Female	0	1	0	4	2	1	1	1	1	0	0	11
Platelet Disorder - Familial Thrombocytopenia - Undefined	Total	0	1	2	5	5	2	3	2	1	1	0	22
Platelet Disorder - Familial Thrombocytopenia - Wiskott-Aldrich syndrome	Male	0	1	1	2	0	0	0	0	0	0	0	4
Platelet Disorder - Familial Thrombocytopenia - Wiskott-Aldrich syndrome	Total	0	1	1	2	0	0	0	0	0	0	0	4
Platelet Disorder - Storage Pool Deficiency - Chediak-Higashi syndrome	Male	0	0	0	1	0	0	0	0	0	0	0	1

		Age Group											
BleedingDisorder	GenderCode	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Platelet Disorder - Storage Pool Deficiency - Chediak-Higashi syndrome	Total	0	0	0	1	0	0	0	0	0	0	0	1
Platelet Disorder - Storage Pool Deficiency - Combined alpha and dense granule disorder	Male	0	0	0	0	1	0	0	0	0	0	0	1
Platelet Disorder - Storage Pool Deficiency - Combined alpha and dense granule disorder	Female	0	0	1	0	0	0	0	0	0	0	0	1
Platelet Disorder - Storage Pool Deficiency - Combined alpha and dense granule disorder	Total	0	0	1	0	1	0	0	0	0	0	0	2
Platelet Disorder - Storage Pool Deficiency - Dense granule disorder	Male	0	0	1	3	0	0	0	0	1	0	0	5
Platelet Disorder - Storage Pool Deficiency - Dense granule disorder	Female	0	1	3	4	5	3	6	3	4	0	0	29
Platelet Disorder - Storage Pool Deficiency - Dense granule disorder	Total	0	1	4	7	5	3	6	3	5	0	0	34
Platelet Disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	Male	0	1	1	0	1	0	0	1	0	0	0	4
Platelet Disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	Female	0	0	0	1	2	0	0	0	0	0	0	3

BleedingDisorder	GenderCode	Age Group											Total
		0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Platelet Disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	Total	0	1	1	1	3	0	0	1	0	0	0	7
Platelet Disorder - Storage Pool Deficiency - Platelet secretion defect	Male	0	0	0	2	0	0	1	0	1	1	0	5
Platelet Disorder - Storage Pool Deficiency - Platelet secretion defect	Female	0	0	0	2	0	0	1	1	1	0	0	5
Platelet Disorder - Storage Pool Deficiency - Platelet secretion defect	Total	0	0	0	4	0	0	2	1	2	1	0	10
Platelet Disorder - Storage Pool Deficiency - Quebec platelet disorder	Male	0	1	1	1	4	4	0	3	9	0	1	24
Platelet Disorder - Storage Pool Deficiency - Quebec platelet disorder	Female	0	1	0	0	1	1	5	1	2	1	0	12
Platelet Disorder - Storage Pool Deficiency - Quebec platelet disorder	Total	0	2	1	1	5	5	5	4	11	1	1	36
Platelet Disorder - Storage Pool Deficiency - Storage pool deficiency undefined	Male	0	1	0	0	0	0	0	0	0	0	0	1
Platelet Disorder - Storage Pool Deficiency - Storage pool deficiency undefined	Female	0	0	1	0	0	1	0	0	0	0	0	2
Platelet Disorder - Storage Pool Deficiency - Storage pool deficiency undefined	Total	0	1	1	0	0	1	0	0	0	0	0	3

BleedingDisorder	GenderCode	Age Group											Total
		0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Platelet Disorder – Familial Thrombocytopenia - MYH9-related disorder	Male	0	0	2	3	3	0	4	1	2	0	0	15
Platelet Disorder – Familial Thrombocytopenia - MYH9-related disorder	Female	0	2	1	3	2	1	0	0	0	0	0	9
Platelet Disorder – Familial Thrombocytopenia - MYH9-related disorder	Total	0	2	3	6	5	1	4	1	2	0	0	24
Platelet Disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	Male	1	2	0	3	4	3	1	2	1	2	0	19
Platelet Disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	Female	0	0	3	3	3	1	1	1	2	2	0	16
Platelet Disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	Total	1	2	3	6	7	4	2	3	3	4	0	35
Platelet Disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	Male	2	1	2	7	2	6	2	4	4	1	0	31
Platelet Disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	Female	1	2	5	7	7	6	7	4	1	0	0	40
Platelet Disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	Total	3	3	7	14	9	12	9	8	5	1	0	71

BleedingDisorder	GenderCode	Age Group											Total
		0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Platelet Disorder – Glycoprotein Deficiency – Other	Male	0	0	1	1	0	0	0	0	0	0	0	2
Platelet Disorder – Glycoprotein Deficiency – Other	Female	0	0	0	0	0	1	0	1	0	0	1	3
Platelet Disorder – Glycoprotein Deficiency – Other	Total	0	0	1	1	0	1	0	1	0	0	1	5
Platelet Disorder – Other - Noonan syndrome	Male	0	0	0	0	1	0	0	0	0	0	0	1
Platelet Disorder – Other - Noonan syndrome	Female	0	1	0	1	1	2	1	1	0	0	0	7
Platelet Disorder – Other - Noonan syndrome	Total	0	1	0	1	2	2	1	1	0	0	0	8
Platelet Disorder – Other - TAR syndrome	Male	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other - TAR syndrome	Female	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other - TAR syndrome	Total	0	0	0	0	0	2	0	0	0	0	0	2
Platelet Disorder – Other – Ehlers Danlos syndrome	Male	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other – Ehlers Danlos syndrome	Female	0	0	1	2	4	3	2	2	0	0	0	14
Platelet Disorder – Other – Ehlers Danlos syndrome	Total	0	0	1	2	4	4	2	2	0	0	0	15
Platelet Disorder – Other – Identified molecular mutation	Male	0	1	1	1	0	0	0	0	2	0	0	5

		Age Group											
BleedingDisorder	GenderCode	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Platelet Disorder – Other – Identified molecular mutation	Female	0	0	0	1	1	1	0	1	2	1	0	7
Platelet Disorder – Other – Identified molecular mutation	Total	0	1	1	2	1	1	0	1	4	1	0	12
Platelet Disorder – Other – Undefined platelet disorder	Male	1	3	10	52	61	27	16	16	8	4	3	201
Platelet Disorder – Other – Undefined platelet disorder	Female	1	3	7	51	114	95	81	94	57	27	8	538
Platelet Disorder – Other – Undefined platelet disorder	Unknown	0	0	0	0	1	0	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder	Total	2	6	17	103	176	122	97	110	65	31	11	740
Platelet Disorder – Other – Undefined platelet disorder - Familial Thrombocytopenia - Undefined	Male	0	0	0	0	0	0	0	1	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder - Familial Thrombocytopenia - Undefined	Female	0	0	0	0	0	0	0	0	1	0	0	1
Platelet Disorder – Other – Undefined platelet disorder - Familial Thrombocytopenia - Undefined	Total	0	0	0	0	0	0	0	1	1	0	0	2
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	Male	0	0	0	1	0	0	0	1	0	0	0	2

BleedingDisorder	GenderCode	Age Group											Total
		0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	Total	0	0	0	1	0	0	0	1	0	0	0	2
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Quebec platelet disorder	Male	1	1	0	0	0	1	0	0	0	0	0	3
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Quebec platelet disorder	Female	1	0	0	0	1	1	0	0	1	0	0	4
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Quebec platelet disorder	Total	2	1	0	0	1	2	0	0	1	0	0	7
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Storage pool deficiency undefined	Male	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Storage pool deficiency undefined	Total	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Familial Thrombocytopenia - MYH9-related disorder	Male	0	0	0	0	0	1	0	0	0	0	0	1

BleedingDisorder	GenderCode	Age Group											Total
		0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Platelet Disorder – Other – Undefined platelet disorder – Familial Thrombocytopenia - MYH9-related disorder	Female	0	2	1	1	0	0	0	0	0	0	0	4
Platelet Disorder – Other – Undefined platelet disorder – Familial Thrombocytopenia - MYH9-related disorder	Total	0	2	1	1	0	1	0	0	0	0	0	5
Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	Male	0	1	0	0	0	0	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	Female	0	0	1	1	0	0	0	0	0	0	0	2
Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	Total	0	1	1	1	0	0	0	0	0	0	0	3
Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	Male	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	Total	0	0	0	0	0	1	0	0	0	0	0	1

BleedingDisorder	GenderCode	Age Group											Total
		0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
Platelet Disorder – Other – Undefined platelet disorder – Other - Noonan syndrome	Female	1	0	1	1	0	0	0	0	0	0	0	3
Platelet Disorder – Other – Undefined platelet disorder – Other - Noonan syndrome	Unknown	0	0	3	0	0	0	0	0	0	0	0	3
Platelet Disorder – Other – Undefined platelet disorder – Other - Noonan syndrome	Total	1	0	4	1	0	0	0	0	0	0	0	6
Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	Male	0	0	0	0	0	1	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	Female	0	0	0	1	3	0	2	3	1	0	0	10
Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	Unknown	0	0	0	1	0	0	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	Total	0	0	0	2	3	1	2	3	1	0	0	12
Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	Male	0	0	0	1	0	0	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	Female	1	0	0	2	1	1	0	1	1	0	0	7

		Age Group											
BleedingDisorder	GenderCode	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	Unknown	0	0	0	0	0	0	0	0	0	1	0	1
Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	Total	1	0	0	3	1	1	0	1	1	1	0	9
Platelet Disorder – Other – Undefined platelet disorder – Storage Pool Deficiency - Gray platelet syndrome	Female	0	0	0	1	0	0	0	0	0	0	0	1
Platelet Disorder – Other – Undefined platelet disorder – Storage Pool Deficiency - Gray platelet syndrome	Total	0	0	0	1	0	0	0	0	0	0	0	1
Platelet Disorder – Storage Pool Deficiency - Gray platelet syndrome	Male	0	0	0	3	1	0	0	0	0	0	0	4
Platelet Disorder – Storage Pool Deficiency - Gray platelet syndrome	Female	0	0	0	1	2	2	0	0	0	1	0	6
Platelet Disorder – Storage Pool Deficiency - Gray platelet syndrome	Total	0	0	0	4	3	2	0	0	0	1	0	10
Platelet Disorder –Glycoprotein Deficiency - Thromboxane receptor deficiency	Female	0	0	0	0	0	0	0	0	1	0	0	1
Platelet Disorder –Glycoprotein Deficiency - Thromboxane receptor deficiency	Total	0	0	0	0	0	0	0	0	1	0	0	1

		Age Group											
BleedingDisorder	GenderCode	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Platelet Disorder -Glycoprotein Deficiency - ADP receptor deficiency	Female	0	0	0	1	0	0	0	1	0	0	0	2
Platelet Disorder -Glycoprotein Deficiency - ADP receptor deficiency	Total	0	0	0	1	0	0	0	1	0	0	0	2
Total	-	11	26	51	176	232	170	134	147	103	42	13	1,105

Rare Platelet Disorders - Pediatric and Adult age groups

Coverage: All of Canada

Data source: CBDR, BC iChip

Year: 2021

GenderCode	BleedingDisorder	Age Group		
		under 18	18 and over	Total
Female	Platelet Disorder - Familial Thrombocytopenia - Other		5	5
Female	Platelet Disorder - Familial Thrombocytopenia - Undefined	2	9	11
Female	Platelet Disorder - Storage Pool Deficiency - Combined alpha and dense granule disorder	1		1
Female	Platelet Disorder - Storage Pool Deficiency - Dense granule disorder	6	23	29
Female	Platelet Disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome		3	3
Female	Platelet Disorder - Storage Pool Deficiency - Platelet secretion defect	1	4	5
Female	Platelet Disorder - Storage Pool Deficiency - Quebec platelet disorder	1	11	12
Female	Platelet Disorder - Storage Pool Deficiency - Storage pool deficiency undefined	1	1	2
Female	Platelet Disorder - Familial Thrombocytopenia - MYH9-related disorder	3	6	9

GenderCode	BleedingDisorder	Age Group		Total
		under 18	18 and over	
Female	Platelet Disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	4	12	16
Female	Platelet Disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	9	31	40
Female	Platelet Disorder – Glycoprotein Deficiency – Other		3	3
Female	Platelet Disorder – Other - Noonan syndrome	1	6	7
Female	Platelet Disorder – Other - TAR syndrome		1	1
Female	Platelet Disorder – Other – Ehlers Danlos syndrome	1	13	14
Female	Platelet Disorder – Other – Identified molecular mutation	1	6	7
Female	Platelet Disorder – Other – Undefined platelet disorder	21	517	538
Female	Platelet Disorder – Other – Undefined platelet disorder - Familial Thrombocytopenia - Undefined	0	1	1
Female	Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Quebec platelet disorder	1	3	4
Female	Platelet Disorder – Other – Undefined platelet disorder – Familial Thrombocytopenia - MYH9-related disorder	4	0	4

GenderCode	BleedingDisorder	Age Group		Total
		under 18	18 and over	
Female	Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	1	1	2
Female	Platelet Disorder – Other – Undefined platelet disorder – Other - Noonan syndrome	2	1	3
Female	Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	0	10	10
Female	Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	2	5	7
Female	Platelet Disorder – Other – Undefined platelet disorder – Storage Pool Deficiency - Gray platelet syndrome	1	0	1
Female	Platelet Disorder – Storage Pool Deficiency - Gray platelet syndrome	1	5	6
Female	Platelet Disorder –Glycoprotein Deficiency - Thromboxane receptor deficiency		1	1
Female	Platelet Disorder –Glycoprotein Deficiency – ADP receptor deficiency		2	2
Female	Total	64	680	744
Male	Platelet Disorder - Familial Thrombocytopenia - Other	3	4	7

GenderCode	BleedingDisorder	Age Group		Total
		under 18	18 and over	
Male	Platelet Disorder - Familial Thrombocytopenia - Undefined	2	9	11
Male	Platelet Disorder - Familial Thrombocytopenia - Wiskott-Aldrich syndrome	2	2	4
Male	Platelet Disorder - Storage Pool Deficiency - Chediak-Higashi syndrome	1	0	1
Male	Platelet Disorder - Storage Pool Deficiency - Combined alpha and dense granule disorder		1	1
Male	Platelet Disorder - Storage Pool Deficiency - Dense granule disorder	2	3	5
Male	Platelet Disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	2	2	4
Male	Platelet Disorder - Storage Pool Deficiency - Platelet secretion defect	2	3	5
Male	Platelet Disorder - Storage Pool Deficiency - Quebec platelet disorder	2	22	24
Male	Platelet Disorder - Storage Pool Deficiency - Storage pool deficiency undefined	1		1
Male	Platelet Disorder - Familial Thrombocytopenia - MYH9-related disorder	3	12	15

GenderCode	BleedingDisorder	Age Group		Total
		under 18	18 and over	
Male	Platelet Disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	3	16	19
Male	Platelet Disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	5	26	31
Male	Platelet Disorder – Glycoprotein Deficiency – Other	2		2
Male	Platelet Disorder – Other - Noonan syndrome		1	1
Male	Platelet Disorder – Other - TAR syndrome		1	1
Male	Platelet Disorder – Other – Ehlers Danlos syndrome		1	1
Male	Platelet Disorder – Other – Identified molecular mutation	2	3	5
Male	Platelet Disorder – Other – Undefined platelet disorder	24	177	201
Male	Platelet Disorder – Other – Undefined platelet disorder - Familial Thrombocytopenia - Undefined	0	1	1
Male	Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Hermansky-Pudlak syndrome	1	1	2
Male	Platelet Disorder – Other – Undefined platelet disorder - Storage Pool Deficiency - Quebec platelet disorder	2	1	3

		Age Group		
GenderCode	BleedingDisorder	under 18	18 and over	Total
Male	Platelet Disorder – Other – Undefined platelet disorder – Storage Pool Deficiency - Storage pool deficiency undefined	0	1	1
Male	Platelet Disorder – Other – Undefined platelet disorder – Familial Thrombocytopenia - MYH9-related disorder	0	1	1
Male	Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Bernard-Soulier syndrome	1	0	1
Male	Platelet Disorder – Other – Undefined platelet disorder – Glycoprotein Deficiency - Glanzmann thrombasthenia	0	1	1
Male	Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	0	1	1
Male	Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	0	1	1
Male	Platelet Disorder – Storage Pool Deficiency - Gray platelet syndrome	1	3	4
Male	Total	61	294	355
Unknown	Platelet Disorder – Other – Undefined platelet disorder		1	1

GenderCode	BleedingDisorder	Age Group		Total
		under 18	18 and over	
Unknown	Platelet Disorder – Other – Undefined platelet disorder – Other - Noonan syndrome	3	0	3
Unknown	Platelet Disorder – Other – Undefined platelet disorder – Other – Ehlers Danlos syndrome	1	0	1
Unknown	Platelet Disorder – Other – Undefined platelet disorder – Other – Undefined platelet disorder	0	1	1
Unknown	Total	4	2	6
Total	-	129	976	1,105