

**Plasma Protein Product Transfusion Reaction Summary Report for  
the Province of BC  
Data Source: Central Transfusion Registry**

**Date Range:**

01-Jan-2010 to 31-Dec-2010

**About this Report:**

- This report provides the count of each type of transfusion reaction per plasma protein product, the number of recipients and the rates of reactions. IVIG, RhIG, Albumin and SCIG are listed individually and the remaining products are grouped as Other. Reactions ratios are determined as reactions per transfusion events. A transfusion event is defined in this report as a calendar day and includes the bulk issue of product to home care patients.
- Only the product most likely implicated in a transfusion reaction is reported.
- Recipient transfusion reactions are sub-totaled by product and a recipient is counted once per product group. If a recipient experienced reactions to multiple products they will be counted once for every product group, but counted only once in the total column.
- Only reaction types that are reported in the time period and have a concluded case status are included.
- Only reactions with known associated products are included in this report.

**Current Data Caveat(s):**

- These reports are meant to be interpreted in the context of the facility, health authority, reaction reporting practices and transfusion practices. Not viewing these reports in context may result in mis-interpretation; for example, a proportionately lower number of transfusion reactions on the weekend may indicate lack of reporting or simply fewer transfusions on weekends. Denominator data in the Summary Reports includes transfusions and/or transfusion events for the Health Authority or Province in CTR at the time of running reports. If not all facilities participate in TTISS reporting, the rates may appear artificially low.

	<b>IVIG</b>	<b>SCIG</b>	<b>Albumin</b>	<b>RhIG</b>	<b>Other</b>	<b>Total</b>
<b>Acute Hemolytic Reaction</b>	3 1:4751	0 N/A	0 N/A	0 N/A	0 N/A	3 1:15619
<b>Allergic Minor</b>	29 1:492	0 N/A	3 1:5322	1 1:11486	0 N/A	33 1:1420
<b>Aseptic Meningitis</b>	1 1:14254	0 N/A	0 N/A	0 N/A	0 N/A	1 1:46856
<b>Delayed Hemolytic Reaction</b>	9 1:1584	0 N/A	0 N/A	0 N/A	0 N/A	9 1:5206
<b>Febrile Non-Hemolytic</b>	24 1:594	0 N/A	3 1:5322	0 N/A	0 N/A	27 1:1735
<b>IVIG Headache</b>	14 1:1018	0 N/A	0 N/A	0 N/A	0 N/A	14 1:3347
<b>Other</b>	17 1:838	0 N/A	0 N/A	0 N/A	0 N/A	17 1:2756
<b>TACO</b>	1 1:14254	0 N/A	0 N/A	0 N/A	0 N/A	1 1:46856
<b>Total Reactions Reported</b>	<b>98</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>105</b>
<b>Total Transfusion Events</b>	<b>14254</b>	<b>424</b>	<b>15965</b>	<b>11486</b>	<b>4847</b>	<b>46856</b>
<b>Frequency of Reaction per Transfusion Event</b>	<b>1:145</b>	<b>N/A</b>	<b>1:2661</b>	<b>1:11486</b>	<b>N/A</b>	<b>1:446</b>

<b>Recipients with a Reaction</b>	<b>93</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>100</b>
<b>Recipients Transfused</b>	<b>1788</b>	<b>85</b>	<b>4386</b>	<b>8117</b>	<b>2115</b>	<b>16137</b>
<b>Frequency of Reaction per Recipient</b>	<b>1:19</b>	<b>N/A</b>	<b>1:731</b>	<b>1:8117</b>	<b>N/A</b>	<b>1:161</b>

### Plasma Protein Product Transfusion Reactions in the Last 5 Years

