

**Additional file 3. Total number of plateletpheresis donations/donors/units and average number of plateletpheresis donations/units in GZBC.**

	2012/10	2013/4	2013/10	2014/4	2014/10	2015/4	2015/10	2016/4	2016/10	2017/4	2017/10	<b>2018/4</b>	<b>2018/10</b>	<b>2019/4</b>
	-2013/3	-2013/9	-2014/3	-2014/9	-2015/3	-2015/9	-2016/3	-2016/9	-2017/3	-2017/9	-2018/3	<b>-2018/9</b>	<b>-2019/3</b>	<b>-2019/9</b>
Total #donations	14 225	15 324	15 100	16 960	17 168	18 630	19 131	19 605	18 948	20 235	19 853	17 742	22 023	25 222
Total units	22 971.5	24 271.8	23 843.8	26 838.5	27 326.0	29 653.8	30 636	31 796.5	31 557.5	33 906.8	33 790.2	30 625	39 261	45 389
Total #donors	7 619	8 634	8 582	9 728	10 229	11 112	11 457	11 510	11 346	11 556	11 488	6 481	7 847	8 262
Average total #donations per donor	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	2.7	2.8	3.1
Average total units per donor	3.0	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.9	2.9	4.7	5.0	5.5
Gender														
Average #donations per male	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.9	1.8	3.1	3.1	3.4
Average #donations per female	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.8	2.0	2.0
Average units per male	3.3	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.2	3.2	5.4	5.6	6.2
Average units per female	2.2	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.8	3.2	3.3
Age														
Average #donations per donor (≤35)	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.6	2.5	2.6	2.8
Average #donations per donor (>35)	2.3	2.2	2.2	2.1	2.0	2.0	2.2	2.2	2.2	2.3	2.3	3.3	3.5	3.7
Average units per donor (≤35)	2.8	2.6	2.5	2.6	2.5	2.5	2.4	2.5	2.5	2.7	2.6	4.3	4.5	5.1
Average units per donor (>35)	3.9	3.6	3.7	3.4	3.3	3.3	3.6	3.7	3.9	3.9	4.1	5.9	6.4	6.8
FRD donation status														
Average #donations per voluntary	2.1	2.2	2.2	2.3	2.3	2.3	2.2	2.6	2.4	2.7	1.9	2.7	2.8	3.1
Average #donations per FRD	1.05	1.07	1.05	1.06	1.07	1.07	1.06	1.08	1.08	1.12	1.06	NA	NA	NA
Average units per voluntary	3.5	3.6	3.6	3.8	3.8	3.9	3.8	4.3	4.1	4.6	3.3	4.7	5.0	5.5
Average units per FRD	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.8	NA	NA	NA
Blood donation history <sup>a</sup>														
Average #donations per WB	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.9	1.9	1.9
Average #donations per PLT	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.6	3.4	3.7	3.7
Average #donations per Both	3.4	3.4	3.4	3.5	3.4	3.4	3.2	3.3	3.1	3.0	2.9	3.8	4.1	4.1
Average #donations per None	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.6	1.5	1.8
Average units per WB	1.9	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	2.0	1.9	3.0	3.2	3.2
Average units per PLT	4.3	4.1	4.2	4.4	4.3	4.5	4.5	4.5	4.4	4.4	4.7	6.2	6.9	6.7
Average units per Both	6.1	6.0	6.2	6.3	6.1	6.0	5.6	5.8	5.6	5.4	5.4	6.8	7.6	7.6
Average units per None	1.8	1.6	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.7	2.4	2.5	2.9

**Bold cross-sections** denote the ones after the ban on FRD.

<sup>a</sup>"None"=no blood donation history; "WB"=whole blood donation history only; "PLT"=plateletpheresis donation history only; "Both"=both whole blood and plateletpheresis donations history.