

DELAWARE COMPENSATION RATING BUREAU, INC.

Excess Loss Premium Factors

Average excess loss pure premium ratios by hazard group and loss limitation are derived in Exhibit 17b. Those same excess ratios are presented herein and adjusted to express excess losses as a portion of residual market rates.

Pages 1 and 2 show the calculation of excess ratios for hazard groups A-G.

DELAWARE
Excess Loss Factor Study
Excess Loss Premium Factors

DE Hazard Group Excess Loss Factors

ELF adjusted for LBA's

ELF adjusted for LBA's & Risk Load

Loss Limitation	DE Hazard Group Excess Loss Factors							ELF adjusted for LBA's							ELF adjusted for LBA's & Risk Load						
	HG A (1) Pg2	HG B (2) Pg3	HG C (3) Pg4	HG D (4) Pg5	HG E (5) Pg6	HG F (6) Pg7	HG G (7) Pg8	HG A (8) (1)*TCR	TCR HG B (9) (1)*TCR	0.5708 HG C (10) (2)*TCR	HG D (11) (3)*TCR	HG E (12) (4)*TCR	HG F (13) (5)*TCR	HG G (14) (6)*TCR	HG A (15)	HG B (16)	HG C (17)	HG D (18)	HG E (19)	HG F (20)	HG G (21)
															Columns (8)-(14) + 0.005 (Max Adj = 1/2 ELF)						
\$10,000	0.860	0.892	0.893	0.912	0.929	0.947	0.959	0.491	0.509	0.510	0.521	0.530	0.541	0.547	0.496	0.514	0.515	0.526	0.535	0.546	0.552
\$15,000	0.826	0.863	0.866	0.890	0.908	0.932	0.946	0.471	0.493	0.494	0.508	0.518	0.532	0.540	0.476	0.498	0.499	0.513	0.523	0.537	0.545
\$20,000	0.799	0.839	0.842	0.869	0.892	0.918	0.933	0.456	0.479	0.481	0.496	0.509	0.524	0.533	0.461	0.484	0.486	0.501	0.514	0.529	0.538
\$25,000	0.773	0.818	0.823	0.852	0.875	0.905	0.923	0.441	0.467	0.470	0.486	0.499	0.517	0.527	0.446	0.472	0.475	0.491	0.504	0.522	0.532
\$30,000	0.751	0.798	0.806	0.835	0.861	0.893	0.912	0.429	0.455	0.460	0.477	0.491	0.510	0.521	0.434	0.460	0.465	0.482	0.496	0.515	0.526
\$35,000	0.732	0.781	0.788	0.820	0.846	0.880	0.902	0.418	0.446	0.450	0.468	0.483	0.502	0.515	0.423	0.451	0.455	0.473	0.488	0.507	0.520
\$40,000	0.715	0.766	0.773	0.805	0.833	0.870	0.892	0.408	0.437	0.441	0.459	0.475	0.497	0.509	0.413	0.442	0.446	0.464	0.480	0.502	0.514
\$50,000	0.684	0.738	0.745	0.781	0.811	0.848	0.874	0.390	0.421	0.425	0.446	0.463	0.484	0.499	0.395	0.426	0.430	0.451	0.468	0.489	0.504
\$75,000	0.625	0.683	0.692	0.730	0.764	0.806	0.836	0.357	0.390	0.395	0.417	0.436	0.460	0.477	0.362	0.395	0.400	0.422	0.441	0.465	0.482
\$100,000	0.576	0.639	0.650	0.689	0.725	0.771	0.803	0.329	0.365	0.371	0.393	0.414	0.440	0.458	0.334	0.370	0.376	0.398	0.419	0.445	0.463
\$125,000	0.537	0.600	0.612	0.654	0.691	0.740	0.775	0.307	0.342	0.349	0.373	0.394	0.422	0.442	0.312	0.347	0.354	0.378	0.399	0.427	0.447
\$150,000	0.502	0.568	0.582	0.624	0.663	0.711	0.748	0.287	0.324	0.332	0.356	0.378	0.406	0.427	0.292	0.329	0.337	0.361	0.383	0.411	0.432
\$175,000	0.472	0.540	0.553	0.597	0.637	0.687	0.725	0.269	0.308	0.316	0.341	0.364	0.392	0.414	0.274	0.313	0.321	0.346	0.369	0.397	0.419
\$200,000	0.443	0.512	0.527	0.571	0.612	0.665	0.704	0.253	0.292	0.301	0.326	0.349	0.380	0.402	0.258	0.297	0.306	0.331	0.354	0.385	0.407
\$225,000	0.416	0.486	0.503	0.549	0.590	0.643	0.684	0.237	0.277	0.287	0.313	0.337	0.367	0.390	0.242	0.282	0.292	0.318	0.342	0.372	0.395
\$250,000	0.388	0.462	0.479	0.527	0.571	0.624	0.666	0.221	0.264	0.273	0.301	0.326	0.356	0.380	0.226	0.269	0.278	0.306	0.331	0.361	0.385
\$275,000	0.364	0.439	0.458	0.506	0.551	0.606	0.648	0.208	0.251	0.261	0.289	0.315	0.346	0.370	0.213	0.256	0.266	0.294	0.320	0.351	0.375
\$300,000	0.341	0.417	0.436	0.488	0.532	0.590	0.631	0.195	0.238	0.249	0.279	0.304	0.337	0.360	0.200	0.243	0.254	0.284	0.309	0.342	0.365
\$325,000	0.319	0.396	0.415	0.468	0.514	0.572	0.617	0.182	0.226	0.237	0.267	0.293	0.326	0.352	0.187	0.231	0.242	0.272	0.298	0.331	0.357
\$350,000	0.299	0.374	0.397	0.448	0.497	0.555	0.601	0.171	0.213	0.227	0.256	0.284	0.317	0.343	0.176	0.218	0.232	0.261	0.289	0.322	0.348
\$375,000	0.279	0.356	0.378	0.430	0.479	0.541	0.588	0.159	0.203	0.216	0.245	0.273	0.309	0.336	0.164	0.208	0.221	0.250	0.278	0.314	0.341
\$400,000	0.261	0.338	0.360	0.413	0.464	0.524	0.572	0.149	0.193	0.205	0.236	0.265	0.299	0.326	0.154	0.198	0.210	0.241	0.270	0.304	0.331
\$425,000	0.245	0.321	0.344	0.395	0.447	0.509	0.559	0.140	0.183	0.196	0.225	0.255	0.291	0.319	0.145	0.188	0.201	0.230	0.260	0.296	0.324
\$450,000	0.230	0.304	0.328	0.379	0.432	0.495	0.545	0.131	0.174	0.187	0.216	0.247	0.283	0.311	0.136	0.179	0.192	0.221	0.252	0.288	0.316
\$475,000	0.213	0.290	0.310	0.365	0.417	0.481	0.531	0.122	0.166	0.177	0.208	0.238	0.275	0.303	0.127	0.171	0.182	0.213	0.243	0.280	0.308
\$500,000	0.200	0.275	0.297	0.350	0.403	0.466	0.520	0.114	0.157	0.170	0.200	0.230	0.266	0.297	0.119	0.162	0.175	0.205	0.235	0.271	0.302
\$600,000	0.153	0.225	0.246	0.298	0.349	0.415	0.469	0.087	0.128	0.140	0.170	0.199	0.237	0.268	0.092	0.133	0.145	0.175	0.204	0.242	0.273
\$700,000	0.119	0.187	0.204	0.254	0.305	0.370	0.425	0.068	0.107	0.116	0.145	0.174	0.211	0.243	0.073	0.112	0.121	0.150	0.179	0.216	0.248
\$800,000	0.093	0.157	0.171	0.217	0.267	0.331	0.387	0.053	0.090	0.098	0.124	0.152	0.189	0.221	0.058	0.095	0.103	0.129	0.157	0.194	0.226
\$900,000	0.072	0.133	0.145	0.188	0.234	0.299	0.352	0.041	0.076	0.083	0.107	0.134	0.171	0.201	0.046	0.081	0.088	0.112	0.139	0.176	0.206
\$1,000,000	0.0588	0.1149	0.1238	0.1645	0.2084	0.2681	0.3212	0.0336	0.0656	0.0707	0.0939	0.1190	0.1530	0.1833	0.0386	0.0706	0.0757	0.0989	0.1240	0.1580	0.1883
\$2,000,000	0.0299	0.0589	0.0646	0.0882	0.1138	0.1552	0.1946	0.0171	0.0336	0.0369	0.0503	0.0650	0.0886	0.1111	0.0221	0.0386	0.0419	0.0553	0.0700	0.0936	0.1161
\$3,000,000	0.0198	0.0394	0.0433	0.0599	0.0779	0.1094	0.1407	0.0113	0.0225	0.0247	0.0342	0.0445	0.0624	0.0803	0.0163	0.0275	0.0297	0.0392	0.0495	0.0674	0.0853
\$4,000,000	0.0148	0.0293	0.0324	0.0451	0.0590	0.0842	0.1095	0.0084	0.0167	0.0185	0.0257	0.0337	0.0481	0.0625	0.0126	0.0217	0.0235	0.0307	0.0387	0.0531	0.0675
\$5,000,000	0.0116	0.0233	0.0259	0.0357	0.0473	0.0678	0.0893	0.0066	0.0133	0.0148	0.0204	0.0270	0.0387	0.0510	0.0099	0.0183	0.0198	0.0254	0.0320	0.0437	0.0560
\$6,000,000	0.0095	0.0192	0.0212	0.0296	0.0392	0.0566	0.0748	0.0054	0.0110	0.0121	0.0169	0.0224	0.0323	0.0427	0.0081	0.0160	0.0171	0.0219	0.0274	0.0373	0.0477
\$7,000,000	0.0081	0.0163	0.0178	0.0253	0.0333	0.0483	0.0646	0.0046	0.0093	0.0102	0.0144	0.0190	0.0276	0.0369	0.0069	0.0140	0.0152	0.0194	0.0240	0.0326	0.0419
\$8,000,000	0.0069	0.0139	0.0156	0.0219	0.0290	0.0421	0.0562	0.0039	0.0079	0.0089	0.0125	0.0166	0.0240	0.0321	0.0059	0.0119	0.0134	0.0175	0.0216	0.0290	0.0371
\$9,000,000	0.0060	0.0121	0.0136	0.0191	0.0252	0.0370	0.0498	0.0034	0.0069	0.0078	0.0109	0.0144	0.0211	0.0284	0.0051	0.0104	0.0117	0.0159	0.0194	0.0261	0.0334
\$10,000,000	0.0053	0.0106	0.0119	0.0169	0.0229	0.0330	0.0446	0.0030	0.0061	0.0068	0.0096	0.0131	0.0188	0.0255	0.0045	0.0092	0.0102	0.0144	0.0181	0.0238	0.0305

* Excess ratios for loss limits above \$1,000,000 are calculated by applying the relativities from Exhibit III to the excess ratios at \$1,000,000.

DELAWARE
EXCESS LOSS FACTOR STUDY
PROPOSED EFFECTIVE DATE: 12/1/14
Excess Loss Premium Factors

Per Accident Limit	2014 Excess Loss Factors*							2013 Excess Loss Factors							Percentage Change						
	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G
\$10,000	0.496	0.514	0.515	0.526	0.535	0.546	0.552	0.526	0.535	0.535	0.543	0.548	0.557	0.567	-5.7%	-3.9%	-3.7%	-3.1%	-2.4%	-2.0%	-2.6%
\$15,000	0.476	0.498	0.499	0.513	0.523	0.537	0.545	0.510	0.521	0.521	0.531	0.537	0.548	0.559	-6.7%	-4.4%	-4.2%	-3.4%	-2.6%	-2.0%	-2.5%
\$20,000	0.461	0.484	0.486	0.501	0.514	0.529	0.538	0.497	0.508	0.510	0.520	0.527	0.539	0.552	-7.2%	-4.7%	-4.7%	-3.7%	-2.5%	-1.9%	-2.5%
\$25,000	0.446	0.472	0.475	0.491	0.504	0.522	0.532	0.485	0.499	0.499	0.510	0.518	0.531	0.546	-8.0%	-5.4%	-4.8%	-3.7%	-2.7%	-1.7%	-2.6%
\$30,000	0.434	0.460	0.465	0.482	0.496	0.515	0.526	0.473	0.489	0.490	0.501	0.510	0.524	0.541	-8.2%	-5.9%	-5.1%	-3.8%	-2.7%	-1.7%	-2.8%
\$35,000	0.423	0.451	0.455	0.473	0.488	0.509	0.520	0.464	0.480	0.482	0.494	0.503	0.518	0.536	-8.8%	-6.0%	-5.6%	-4.3%	-3.0%	-1.7%	-3.0%
\$40,000	0.413	0.442	0.446	0.464	0.480	0.502	0.514	0.454	0.472	0.473	0.487	0.496	0.511	0.531	-9.0%	-6.4%	-5.7%	-4.7%	-3.2%	-1.8%	-3.2%
\$50,000	0.395	0.426	0.430	0.451	0.468	0.489	0.504	0.439	0.458	0.459	0.473	0.484	0.501	0.521	-10.0%	-7.0%	-6.3%	-4.7%	-3.3%	-2.4%	-3.3%
\$75,000	0.362	0.395	0.400	0.422	0.441	0.465	0.482	0.408	0.429	0.431	0.445	0.458	0.477	0.499	-11.3%	-7.9%	-7.2%	-5.2%	-3.7%	-2.5%	-3.4%
\$100,000	0.334	0.370	0.376	0.398	0.419	0.445	0.463	0.384	0.405	0.408	0.425	0.438	0.458	0.482	-13.0%	-8.6%	-7.8%	-6.4%	-4.3%	-2.8%	-3.9%
\$125,000	0.312	0.347	0.354	0.378	0.399	0.427	0.447	0.363	0.386	0.390	0.405	0.419	0.441	0.466	-14.0%	-10.1%	-9.2%	-6.7%	-4.8%	-3.2%	-4.1%
\$150,000	0.292	0.329	0.337	0.361	0.383	0.411	0.432	0.346	0.369	0.373	0.390	0.404	0.425	0.452	-15.6%	-10.8%	-9.7%	-7.4%	-5.2%	-3.3%	-4.4%
\$175,000	0.274	0.313	0.321	0.346	0.369	0.397	0.419	0.330	0.353	0.359	0.375	0.391	0.412	0.439	-17.0%	-11.3%	-10.6%	-7.7%	-5.6%	-3.6%	-4.6%
\$200,000	0.258	0.297	0.306	0.331	0.354	0.385	0.407	0.317	0.340	0.345	0.362	0.377	0.399	0.427	-18.6%	-12.6%	-11.3%	-8.6%	-6.1%	-3.5%	-4.7%
\$225,000	0.242	0.282	0.292	0.318	0.342	0.372	0.395	0.304	0.327	0.333	0.350	0.366	0.388	0.417	-20.4%	-13.8%	-12.3%	-9.1%	-6.6%	-4.1%	-5.3%
\$250,000	0.226	0.269	0.278	0.306	0.331	0.361	0.385	0.291	0.315	0.321	0.339	0.354	0.377	0.407	-22.3%	-14.6%	-13.4%	-9.7%	-6.5%	-4.2%	-5.4%
\$275,000	0.213	0.256	0.266	0.294	0.320	0.351	0.375	0.278	0.303	0.309	0.329	0.344	0.368	0.397	-23.4%	-15.5%	-13.9%	-10.6%	-7.0%	-4.6%	-5.5%
\$300,000	0.200	0.243	0.254	0.283	0.309	0.341	0.365	0.266	0.292	0.299	0.318	0.334	0.358	0.388	-24.8%	-16.8%	-15.1%	-11.0%	-7.5%	-4.7%	-5.9%
\$325,000	0.187	0.231	0.243	0.272	0.298	0.331	0.357	0.254	0.280	0.288	0.308	0.325	0.349	0.379	-26.4%	-17.5%	-15.6%	-11.7%	-8.3%	-5.2%	-5.8%
\$350,000	0.176	0.218	0.232	0.261	0.288	0.322	0.348	0.243	0.269	0.278	0.298	0.315	0.340	0.371	-27.6%	-19.0%	-16.5%	-12.4%	-8.6%	-5.3%	-6.2%
\$375,000	0.164	0.208	0.221	0.250	0.278	0.313	0.340	0.233	0.259	0.267	0.289	0.306	0.331	0.362	-29.6%	-19.7%	-17.2%	-13.5%	-9.2%	-5.4%	-6.1%
\$400,000	0.154	0.198	0.210	0.240	0.269	0.304	0.331	0.222	0.249	0.258	0.279	0.297	0.323	0.354	-30.6%	-20.5%	-18.6%	-14.0%	-9.4%	-5.9%	-6.5%
\$425,000	0.145	0.188	0.201	0.230	0.260	0.296	0.324	0.213	0.240	0.249	0.270	0.288	0.314	0.346	-31.9%	-21.7%	-19.3%	-14.8%	-9.7%	-5.7%	-6.4%
\$450,000	0.136	0.179	0.191	0.221	0.252	0.287	0.316	0.204	0.230	0.240	0.260	0.280	0.306	0.338	-33.3%	-22.2%	-20.4%	-15.0%	-10.0%	-6.2%	-6.5%
\$475,000	0.127	0.171	0.183	0.213	0.243	0.279	0.309	0.195	0.222	0.231	0.252	0.271	0.298	0.331	-34.9%	-23.0%	-20.8%	-15.5%	-10.3%	-6.4%	-6.6%
\$500,000	0.119	0.162	0.175	0.205	0.235	0.271	0.302	0.186	0.214	0.222	0.243	0.263	0.291	0.323	-36.0%	-24.3%	-21.2%	-15.6%	-10.6%	-6.9%	-6.5%
\$600,000	0.092	0.133	0.145	0.175	0.204	0.242	0.275	0.157	0.182	0.192	0.213	0.233	0.263	0.296	-41.4%	-26.9%	-24.5%	-17.8%	-12.4%	-8.0%	-7.1%
\$700,000	0.073	0.112	0.121	0.150	0.179	0.216	0.248	0.132	0.157	0.166	0.188	0.208	0.235	0.271	-44.7%	-28.7%	-27.1%	-20.2%	-13.9%	-8.1%	-8.5%
\$800,000	0.058	0.095	0.103	0.129	0.157	0.194	0.226	0.112	0.137	0.145	0.165	0.185	0.213	0.248	-48.2%	-30.7%	-29.0%	-21.8%	-15.1%	-8.9%	-8.9%
\$900,000	0.046	0.081	0.088	0.112	0.139	0.176	0.206	0.096	0.119	0.126	0.147	0.164	0.193	0.227	-52.1%	-31.9%	-30.2%	-23.8%	-15.2%	-8.8%	-9.3%
\$1,000,000	0.0386	0.0706	0.0757	0.0989	0.1240	0.1580	0.1883	0.0826	0.1041	0.1113	0.1298	0.1478	0.1746	0.2097	-53.3%	-32.2%	-32.0%	-23.8%	-16.1%	-9.5%	-10.2%
\$2,000,000	0.0221	0.0386	0.0419	0.0553	0.0700	0.0936	0.1161	0.0429	0.0542	0.0584	0.0702	0.0817	0.1020	0.1282	-48.5%	-28.8%	-28.3%	-21.2%	-14.3%	-8.2%	-9.4%
\$3,000,000	0.0163	0.0275	0.0297	0.0392	0.0495	0.0674	0.0853	0.0298	0.0370	0.0401	0.0481	0.0562	0.0718	0.0926	-45.3%	-25.7%	-25.9%	-18.5%	-11.9%	-6.1%	-7.9%
\$4,000,000	0.0126	0.0217	0.0235	0.0307	0.0387	0.0531	0.0675	0.0231	0.0282	0.0305	0.0367	0.0430	0.0551	0.0721	-45.5%	-23.0%	-23.0%	-16.3%	-10.0%	-3.6%	-6.4%
\$5,000,000	0.0099	0.0183	0.0198	0.0254	0.0320	0.0437	0.0560	0.0189	0.0233	0.0251	0.0299	0.0350	0.0447	0.0588	-47.6%	-21.5%	-21.1%	-15.1%	-8.6%	-2.2%	-4.8%
\$6,000,000	0.0081	0.0160	0.0171	0.0219	0.0274	0.0373	0.0477	0.0162	0.0198	0.0214	0.0255	0.0294	0.0377	0.0496	-50.0%	-19.2%	-20.1%	-14.1%	-6.8%	-1.1%	-3.8%
\$7,000,000	0.0069	0.0139	0.0152	0.0194	0.0240	0.0326	0.0419	0.0142	0.0175	0.0186	0.0221	0.0257	0.0326	0.0431	-51.4%	-20.6%	-18.3%	-12.2%	-6.6%	0.0%	-2.8%
\$8,000,000	0.0059	0.0119	0.0134	0.0175	0.0216	0.0290	0.0371	0.0122	0.0155	0.0168	0.0198	0.0229	0.0289	0.0380	-51.6%	-23.2%	-20.2%	-11.6%	-5.7%	0.3%	-2.4%
\$9,000,000	0.0051	0.0104	0.0117	0.0159	0.0194	0.0261	0.0334	0.0102	0.0137	0.0152	0.0177	0.0206	0.0258	0.0339	-50.0%	-24.1%	-23.0%	-10.2%	-5.8%	1.2%	-1.5%
\$10,000,000	0.0045	0.0092	0.0102	0.0144	0.0181	0.0238	0.0305	0.0089	0.0120	0.0135	0.0162	0.0187	0.0235	0.0308	-49.4%	-23.3%	-24.4%	-11.1%	-3.2%	1.3%	-1.0%

* Adjusted