

DELAWARE COMPENSATION RATING BUREAU, INC

Excess Loss Premium Factors
Adjusted to Include Allocated Loss Adjustment Expenses

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 include allocated loss adjustment expenses and to express the resulting loss and ALAE 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 with Adjustment for ALAE

Loss Limitation	DE Hazard Group Excess Loss Factors							TCR (1)*TCR	ELF adjusted for LBA's						ELF adjusted for LBA's & Risk Load								
	0.6521																						
	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)	HG B (9)	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)	
\$10,000	0.858	0.891	0.892	0.912	0.932	0.951	0.960	0.560	0.581	0.582	0.595	0.608	0.620	0.626	0.565	0.586	0.587	0.600	0.613	0.625	0.631		
\$15,000	0.823	0.863	0.865	0.887	0.914	0.934	0.949	0.537	0.563	0.564	0.578	0.596	0.609	0.619	0.542	0.568	0.569	0.583	0.601	0.614	0.624		
\$20,000	0.794	0.838	0.842	0.868	0.896	0.921	0.936	0.518	0.546	0.549	0.566	0.584	0.601	0.610	0.523	0.551	0.554	0.571	0.589	0.606	0.615		
\$25,000	0.768	0.817	0.821	0.850	0.881	0.909	0.926	0.501	0.533	0.535	0.554	0.575	0.593	0.604	0.506	0.538	0.540	0.559	0.580	0.598	0.609		
\$30,000	0.745	0.797	0.802	0.833	0.866	0.897	0.917	0.486	0.520	0.523	0.543	0.565	0.585	0.598	0.491	0.525	0.528	0.548	0.570	0.590	0.603		
\$35,000	0.724	0.778	0.786	0.818	0.853	0.885	0.906	0.472	0.507	0.513	0.533	0.556	0.577	0.591	0.477	0.512	0.518	0.538	0.561	0.582	0.596		
\$40,000	0.705	0.761	0.769	0.804	0.840	0.874	0.897	0.460	0.496	0.501	0.524	0.548	0.570	0.585	0.465	0.501	0.506	0.529	0.553	0.575	0.590		
\$50,000	0.674	0.733	0.741	0.776	0.816	0.854	0.880	0.440	0.478	0.483	0.506	0.532	0.557	0.574	0.445	0.483	0.488	0.511	0.537	0.562	0.579		
\$75,000	0.610	0.674	0.683	0.724	0.769	0.811	0.842	0.398	0.440	0.445	0.472	0.501	0.529	0.549	0.403	0.445	0.450	0.477	0.506	0.534	0.554		
\$100,000	0.559	0.628	0.639	0.681	0.729	0.775	0.809	0.365	0.410	0.417	0.444	0.475	0.505	0.528	0.370	0.415	0.422	0.449	0.480	0.510	0.533		
\$125,000	0.516	0.587	0.600	0.645	0.697	0.742	0.780	0.336	0.383	0.391	0.421	0.455	0.484	0.509	0.341	0.388	0.396	0.426	0.460	0.489	0.514		
\$150,000	0.482	0.554	0.567	0.614	0.665	0.716	0.755	0.314	0.361	0.370	0.400	0.434	0.467	0.492	0.319	0.366	0.375	0.405	0.439	0.472	0.497		
\$175,000	0.448	0.523	0.539	0.586	0.639	0.690	0.730	0.292	0.341	0.351	0.382	0.417	0.450	0.476	0.297	0.346	0.356	0.387	0.422	0.455	0.481		
\$200,000	0.417	0.495	0.512	0.561	0.615	0.668	0.710	0.272	0.323	0.334	0.366	0.401	0.436	0.463	0.277	0.328	0.339	0.371	0.406	0.441	0.468		
\$225,000	0.388	0.470	0.486	0.536	0.594	0.648	0.690	0.253	0.306	0.317	0.350	0.387	0.423	0.450	0.258	0.311	0.322	0.355	0.392	0.428	0.455		
\$250,000	0.361	0.444	0.463	0.515	0.572	0.629	0.673	0.235	0.290	0.302	0.336	0.373	0.410	0.439	0.240	0.295	0.307	0.341	0.378	0.415	0.444		
\$275,000	0.336	0.420	0.439	0.494	0.553	0.609	0.655	0.219	0.274	0.286	0.322	0.361	0.397	0.427	0.224	0.279	0.291	0.327	0.366	0.402	0.432		
\$300,000	0.312	0.397	0.418	0.473	0.534	0.592	0.639	0.203	0.259	0.273	0.308	0.348	0.386	0.417	0.208	0.264	0.278	0.313	0.353	0.391	0.422		
\$325,000	0.290	0.376	0.398	0.454	0.516	0.576	0.623	0.189	0.245	0.260	0.296	0.336	0.376	0.406	0.194	0.250	0.265	0.301	0.341	0.381	0.411		
\$350,000	0.269	0.355	0.376	0.435	0.498	0.560	0.609	0.175	0.231	0.245	0.284	0.325	0.365	0.397	0.180	0.236	0.250	0.289	0.330	0.370	0.402		
\$375,000	0.249	0.334	0.357	0.418	0.482	0.544	0.595	0.162	0.218	0.233	0.273	0.314	0.355	0.388	0.167	0.223	0.238	0.278	0.319	0.360	0.393		
\$400,000	0.231	0.316	0.340	0.398	0.465	0.529	0.580	0.151	0.206	0.222	0.260	0.303	0.345	0.378	0.156	0.211	0.227	0.265	0.308	0.350	0.383		
\$425,000	0.214	0.299	0.323	0.383	0.449	0.515	0.567	0.140	0.195	0.211	0.250	0.293	0.336	0.370	0.145	0.200	0.216	0.255	0.298	0.341	0.375		
\$450,000	0.197	0.283	0.305	0.367	0.433	0.500	0.553	0.128	0.185	0.199	0.239	0.282	0.326	0.361	0.133	0.190	0.204	0.244	0.287	0.331	0.366		
\$475,000	0.183	0.266	0.290	0.350	0.419	0.486	0.541	0.119	0.173	0.189	0.228	0.273	0.317	0.353	0.124	0.178	0.194	0.233	0.278	0.322	0.358		
\$500,000	0.170	0.253	0.276	0.336	0.404	0.472	0.528	0.111	0.165	0.180	0.219	0.263	0.308	0.344	0.116	0.170	0.185	0.224	0.268	0.313	0.349		
\$600,000	0.127	0.204	0.224	0.283	0.352	0.421	0.481	0.083	0.133	0.146	0.185	0.230	0.275	0.314	0.088	0.138	0.151	0.190	0.235	0.280	0.319		
\$700,000	0.095	0.166	0.184	0.240	0.307	0.376	0.437	0.062	0.108	0.120	0.157	0.200	0.245	0.285	0.067	0.113	0.125	0.162	0.205	0.250	0.290		
\$800,000	0.072	0.140	0.152	0.205	0.270	0.338	0.397	0.047	0.091	0.099	0.134	0.176	0.220	0.259	0.052	0.096	0.104	0.139	0.181	0.225	0.264		
\$900,000	0.056	0.119	0.127	0.177	0.237	0.304	0.363	0.037	0.078	0.083	0.115	0.155	0.198	0.237	0.042	0.083	0.088	0.120	0.160	0.203	0.242		
\$1,000,000	0.0439	0.1025	0.1083	0.1523	0.2112	0.2742	0.3323	0.0286	0.0668	0.0706	0.0993	0.1377	0.1788	0.2167	0.0336	0.0718	0.0756	0.1043	0.1427	0.1838	0.2217		
\$2,000,000	0.0248	0.0586	0.0631	0.0912	0.1284	0.1749	0.2193	0.0162	0.0382	0.0411	0.0595	0.0837	0.1141	0.1430	0.0212	0.0432	0.0461	0.0645	0.0887	0.1191	0.1480		
\$3,000,000	0.0175	0.0414	0.0449	0.0659	0.0944	0.1327	0.1708	0.0114	0.0270	0.0293	0.0430	0.0616	0.0865	0.1114	0.0164	0.0320	0.0343	0.0480	0.0666	0.0915	0.1164		
\$4,000,000	0.0134	0.0319	0.0349	0.0519	0.0746	0.1069	0.1406	0.0087	0.0208	0.0228	0.0338	0.0486	0.0697	0.0917	0.0131	0.0258	0.0278	0.0388	0.0536	0.0747	0.0967		
\$5,000,000	0.0109	0.0260	0.0286	0.0426	0.0617	0.0897	0.1193	0.0071	0.0170	0.0187	0.0278	0.0402	0.0585	0.0778	0.0107	0.0220	0.0237	0.0328	0.0452	0.0635	0.0828		
\$6,000,000	0.0091	0.0218	0.0243	0.0359	0.0528	0.0768	0.1033	0.0059	0.0142	0.0158	0.0234	0.0344	0.0501	0.0674	0.0089	0.0192	0.0208	0.0284	0.0394	0.0551	0.0724		
\$7,000,000	0.0078	0.0187	0.0208	0.0311	0.0458	0.0675	0.0911	0.0051	0.0122	0.0136	0.0203	0.0299	0.0440	0.0594	0.0077	0.0172	0.0186	0.0253	0.0349	0.0490	0.0644		
\$8,000,000	0.0068	0.0164	0.0182	0.0276	0.0403	0.0598	0.0814	0.0044	0.0107	0.0119	0.0180	0.0263	0.0390	0.0531	0.0066	0.0157	0.0169	0.0230	0.0313	0.0440	0.0581		
\$9,000,000	0.0058	0.0147	0.0162	0.0244	0.0361	0.0535	0.0731	0.0038	0.0096	0.0106	0.0159	0.0235	0.0349	0.0477	0.0057	0.0144	0.0156	0.0209	0.0285	0.0399	0.0527		
\$10,000,000	0.0051	0.0128	0.0145	0.0219	0.0325	0.0483	0.0668	0.0033	0.0083	0.0095	0.0143	0.0212	0.0315	0.0436	0.0050	0.0125	0.0143	0.0193	0.0262	0.0365	0.0486		

* 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: 12/1/15

Excess Loss Premium Factors with Adjustment for ALAE

Per Accident Limit	2015 Excess Loss Factors*							2014 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	0.565	0.586	0.587	0.600	0.613	0.625	0.632	0.564	0.585	0.586	0.599	0.610	0.622	0.629	0.2%	0.2%	0.2%	0.2%	0.5%	0.5%	0.5%
\$15,000	0.542	0.568	0.569	0.583	0.601	0.614	0.624	0.541	0.566	0.569	0.584	0.596	0.612	0.621	0.2%	0.4%	0.0%	-0.2%	0.8%	0.3%	0.5%
\$20,000	0.523	0.551	0.554	0.571	0.589	0.606	0.616	0.524	0.551	0.554	0.571	0.585	0.602	0.613	-0.2%	0.0%	0.0%	0.0%	0.7%	0.7%	0.5%
\$25,000	0.506	0.538	0.540	0.559	0.580	0.598	0.609	0.507	0.537	0.540	0.559	0.574	0.594	0.606	-0.2%	0.2%	0.0%	0.0%	1.0%	0.7%	0.5%
\$30,000	0.491	0.525	0.528	0.548	0.570	0.590	0.602	0.493	0.523	0.528	0.548	0.565	0.585	0.599	-0.4%	0.4%	0.0%	0.0%	0.9%	0.9%	0.5%
\$35,000	0.477	0.512	0.517	0.538	0.561	0.582	0.596	0.480	0.513	0.517	0.538	0.556	0.578	0.592	-0.6%	-0.2%	0.0%	0.0%	0.9%	0.7%	0.7%
\$40,000	0.465	0.501	0.506	0.529	0.553	0.575	0.590	0.469	0.503	0.508	0.528	0.547	0.570	0.585	-0.9%	-0.4%	-0.4%	0.2%	1.1%	0.9%	0.9%
\$50,000	0.445	0.483	0.488	0.511	0.537	0.562	0.579	0.449	0.485	0.490	0.512	0.532	0.556	0.574	-0.9%	-0.4%	-0.4%	-0.2%	0.9%	1.1%	0.9%
\$75,000	0.403	0.445	0.450	0.477	0.506	0.534	0.554	0.410	0.448	0.455	0.479	0.501	0.528	0.548	-1.7%	-0.7%	-1.1%	-0.4%	1.0%	1.1%	1.1%
\$100,000	0.370	0.415	0.422	0.449	0.480	0.510	0.533	0.378	0.419	0.426	0.452	0.476	0.506	0.527	-2.1%	-1.0%	-0.9%	-0.7%	0.8%	0.8%	1.1%
\$125,000	0.341	0.388	0.396	0.426	0.460	0.489	0.514	0.352	0.394	0.402	0.429	0.453	0.484	0.509	-3.1%	-1.5%	-1.5%	-0.7%	1.5%	1.0%	1.0%
\$150,000	0.319	0.366	0.375	0.405	0.439	0.472	0.497	0.329	0.372	0.382	0.409	0.434	0.466	0.490	-3.0%	-1.6%	-1.8%	-1.0%	1.2%	1.3%	1.4%
\$175,000	0.297	0.346	0.356	0.387	0.422	0.455	0.481	0.309	0.354	0.363	0.391	0.417	0.451	0.475	-3.9%	-2.3%	-1.9%	-1.0%	1.2%	0.9%	1.3%
\$200,000	0.277	0.328	0.339	0.371	0.406	0.441	0.468	0.290	0.335	0.346	0.374	0.401	0.435	0.462	-4.5%	-2.1%	-2.0%	-0.8%	1.2%	1.4%	1.3%
\$225,000	0.258	0.311	0.322	0.355	0.392	0.428	0.455	0.272	0.318	0.329	0.359	0.387	0.423	0.449	-5.1%	-2.2%	-2.1%	-1.1%	1.3%	1.2%	1.3%
\$250,000	0.240	0.295	0.307	0.341	0.378	0.415	0.444	0.255	0.303	0.315	0.344	0.374	0.410	0.436	-5.9%	-2.6%	-2.5%	-0.9%	1.1%	1.2%	1.8%
\$275,000	0.224	0.279	0.291	0.327	0.366	0.402	0.432	0.238	0.288	0.301	0.332	0.361	0.398	0.426	-5.9%	-3.1%	-3.3%	-1.5%	1.4%	1.0%	1.4%
\$300,000	0.208	0.264	0.278	0.313	0.353	0.391	0.422	0.224	0.273	0.287	0.319	0.349	0.385	0.415	-7.1%	-3.3%	-3.1%	-1.9%	1.1%	1.6%	1.7%
\$325,000	0.194	0.250	0.264	0.301	0.341	0.381	0.411	0.210	0.259	0.273	0.307	0.337	0.374	0.405	-7.6%	-3.5%	-3.3%	-2.0%	1.2%	1.9%	1.5%
\$350,000	0.180	0.236	0.251	0.289	0.330	0.370	0.402	0.197	0.246	0.261	0.294	0.326	0.364	0.395	-8.6%	-4.1%	-3.8%	-1.7%	1.2%	1.6%	1.8%
\$375,000	0.167	0.223	0.238	0.277	0.319	0.360	0.393	0.183	0.234	0.249	0.282	0.314	0.354	0.385	-8.7%	-4.7%	-4.4%	-1.8%	1.6%	1.7%	2.1%
\$400,000	0.156	0.211	0.227	0.265	0.308	0.350	0.384	0.172	0.222	0.238	0.271	0.304	0.344	0.376	-9.3%	-5.0%	-4.6%	-2.2%	1.3%	1.7%	2.1%
\$425,000	0.144	0.200	0.215	0.254	0.298	0.341	0.375	0.161	0.211	0.226	0.260	0.293	0.334	0.367	-10.6%	-5.2%	-4.9%	-2.3%	1.7%	2.1%	2.2%
\$450,000	0.133	0.189	0.204	0.244	0.287	0.331	0.366	0.150	0.200	0.215	0.250	0.283	0.324	0.358	-11.3%	-5.5%	-5.1%	-2.4%	1.4%	2.2%	2.2%
\$475,000	0.124	0.178	0.194	0.233	0.277	0.322	0.358	0.141	0.190	0.205	0.239	0.273	0.315	0.349	-12.1%	-6.3%	-5.4%	-2.5%	1.5%	2.2%	2.6%
\$500,000	0.116	0.170	0.185	0.224	0.268	0.313	0.349	0.131	0.180	0.195	0.229	0.264	0.305	0.340	-11.5%	-5.6%	-5.1%	-2.2%	1.5%	2.6%	2.6%
\$600,000	0.088	0.138	0.151	0.190	0.235	0.280	0.319	0.101	0.149	0.162	0.195	0.230	0.271	0.308	-12.9%	-7.4%	-6.8%	-2.6%	2.2%	3.3%	3.6%
\$700,000	0.067	0.113	0.125	0.162	0.205	0.250	0.290	0.080	0.124	0.135	0.168	0.200	0.243	0.279	-16.3%	-8.9%	-7.4%	-3.6%	2.5%	2.9%	3.9%
\$800,000	0.052	0.096	0.104	0.139	0.181	0.225	0.264	0.064	0.105	0.114	0.144	0.176	0.217	0.253	-18.8%	-8.6%	-8.8%	-3.5%	2.8%	3.7%	4.3%
\$900,000	0.042	0.083	0.088	0.120	0.160	0.203	0.242	0.050	0.090	0.097	0.125	0.155	0.195	0.231	-16.0%	-7.8%	-9.3%	-4.0%	3.2%	4.1%	4.8%
\$1,000,000	0.0336	0.0718	0.0756	0.1043	0.1427	0.1838	0.2217	0.0416	0.0778	0.0838	0.1096	0.1380	0.1762	0.2113	-19.2%	-7.7%	-9.8%	-4.8%	3.4%	4.3%	4.9%
\$2,000,000	0.0212	0.0432	0.0461	0.0645	0.0887	0.1191	0.1480	0.0236	0.0424	0.0462	0.0611	0.0776	0.1042	0.1300	-10.2%	1.9%	-0.2%	5.6%	14.3%	14.3%	13.8%
\$3,000,000	0.0164	0.0320	0.0343	0.0480	0.0666	0.0915	0.1164	0.0173	0.0300	0.0326	0.0431	0.0547	0.0748	0.0954	-5.2%	6.7%	5.2%	11.4%	21.8%	22.3%	22.0%
\$4,000,000	0.0131	0.0258	0.0278	0.0388	0.0536	0.0747	0.0967	0.0140	0.0236	0.0257	0.0337	0.0427	0.0587	0.0754	-6.4%	9.3%	8.2%	15.1%	25.5%	27.3%	28.2%
\$5,000,000	0.0107	0.0220	0.0237	0.0328	0.0452	0.0635	0.0828	0.0108	0.0198	0.0215	0.0277	0.0352	0.0483	0.0623	-0.9%	11.1%	10.2%	18.4%	28.4%	31.5%	32.9%
\$6,000,000	0.0089	0.0192	0.0208	0.0284	0.0394	0.0551	0.0724	0.0089	0.0172	0.0185	0.0238	0.0300	0.0412	0.0531	0.0%	11.6%	12.4%	19.3%	31.3%	33.7%	36.3%
\$7,000,000	0.0077	0.0172	0.0186	0.0253	0.0349	0.0490	0.0644	0.0075	0.0152	0.0163	0.0211	0.0263	0.0358	0.0465	2.7%	13.2%	14.1%	19.9%	32.7%	36.9%	38.5%
\$8,000,000	0.0066	0.0156	0.0169	0.0230	0.0313	0.0440	0.0581	0.0065	0.0132	0.0146	0.0189	0.0235	0.0319	0.0411	1.5%	18.2%	15.8%	21.7%	33.2%	37.9%	41.4%
\$9,000,000	0.0057	0.0140	0.0156	0.0209	0.0285	0.0399	0.0527	0.0056	0.0114	0.0130	0.0171	0.0211	0.0286	0.0370	1.8%	22.8%	20.0%	22.2%	35.1%	39.5%	42.4%
\$10,000,000	0.0050	0.0125	0.0143	0.0193	0.0262	0.0365	0.0486	0.0050	0.0101	0.0114	0.0157	0.0197	0.0260	0.0337	0.0%	23.8%	25.4%	22.9%	33.0%	40.4%	44.2%

* Adjusted