

DELAWARE COMPENSATION RATING BUREAU, INC

Excess Loss Pure 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 a provision for allocated loss adjustment expenses.

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

These factors are applicable to voluntary market loss costs.

DELAWARE

Excess Loss Factor Study

Excess Loss (Pure Premium) Factors with Adjustment for ALAE

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	TCR (1)*TCR	0.9183						HG A (15)	HG B (16)	HG C (17)	HG D (18)	HG E (19)	HG F (20)	HG G (21)
									HG B (8) (1)*TCR	HG C (9) (2)*TCR	HG D (10) (3)*TCR	HG E (11) (4)*TCR	HG F (12) (5)*TCR	HG G (13) (6)*TCR		Columns (8)-(14) + 0.005 (Max Adj = 1/2 ELF)					
\$10,000	0.858	0.890	0.892	0.912	0.928	0.947	0.957	0.788	0.817	0.819	0.837	0.852	0.870	0.879	0.793	0.822	0.824	0.842	0.857	0.875	0.884
\$15,000	0.823	0.861	0.866	0.888	0.907	0.931	0.945	0.756	0.791	0.795	0.815	0.833	0.855	0.868	0.761	0.796	0.800	0.820	0.838	0.860	0.873
\$20,000	0.796	0.838	0.842	0.869	0.890	0.916	0.932	0.731	0.770	0.773	0.798	0.817	0.841	0.856	0.736	0.775	0.778	0.803	0.822	0.846	0.861
\$25,000	0.770	0.816	0.821	0.850	0.874	0.904	0.922	0.707	0.749	0.754	0.781	0.803	0.830	0.847	0.712	0.754	0.759	0.786	0.808	0.835	0.852
\$30,000	0.749	0.795	0.803	0.833	0.859	0.891	0.911	0.688	0.730	0.737	0.765	0.789	0.818	0.837	0.693	0.735	0.742	0.770	0.794	0.823	0.842
\$35,000	0.729	0.779	0.786	0.818	0.845	0.879	0.901	0.669	0.715	0.722	0.751	0.776	0.807	0.827	0.674	0.720	0.727	0.756	0.781	0.812	0.832
\$40,000	0.712	0.764	0.772	0.803	0.832	0.867	0.891	0.654	0.702	0.709	0.737	0.764	0.796	0.818	0.659	0.707	0.714	0.742	0.769	0.801	0.823
\$50,000	0.681	0.736	0.744	0.778	0.809	0.846	0.873	0.625	0.676	0.683	0.714	0.743	0.777	0.802	0.630	0.681	0.688	0.719	0.748	0.782	0.807
\$75,000	0.621	0.680	0.690	0.728	0.761	0.803	0.834	0.570	0.624	0.634	0.669	0.699	0.737	0.766	0.575	0.629	0.639	0.674	0.704	0.742	0.771
\$100,000	0.573	0.635	0.646	0.686	0.723	0.769	0.801	0.526	0.583	0.593	0.630	0.664	0.706	0.736	0.531	0.588	0.598	0.635	0.669	0.711	0.741
\$125,000	0.532	0.597	0.610	0.651	0.688	0.735	0.774	0.489	0.548	0.560	0.598	0.632	0.675	0.711	0.494	0.553	0.565	0.603	0.637	0.680	0.716
\$150,000	0.498	0.564	0.578	0.620	0.659	0.708	0.745	0.457	0.518	0.531	0.569	0.605	0.650	0.684	0.462	0.523	0.536	0.574	0.610	0.655	0.689
\$175,000	0.467	0.535	0.549	0.593	0.633	0.684	0.722	0.429	0.491	0.504	0.545	0.581	0.628	0.663	0.434	0.496	0.509	0.550	0.586	0.633	0.668
\$200,000	0.437	0.506	0.523	0.567	0.608	0.660	0.702	0.401	0.465	0.480	0.521	0.558	0.606	0.645	0.406	0.470	0.485	0.526	0.563	0.611	0.650
\$225,000	0.410	0.481	0.498	0.545	0.586	0.639	0.682	0.377	0.442	0.457	0.500	0.538	0.587	0.626	0.382	0.447	0.462	0.505	0.543	0.592	0.631
\$250,000	0.383	0.457	0.476	0.521	0.567	0.621	0.662	0.352	0.420	0.437	0.478	0.521	0.570	0.608	0.357	0.425	0.442	0.483	0.526	0.575	0.613
\$275,000	0.358	0.434	0.454	0.502	0.546	0.602	0.646	0.329	0.399	0.417	0.461	0.501	0.553	0.593	0.334	0.404	0.422	0.466	0.506	0.558	0.598
\$300,000	0.335	0.411	0.432	0.482	0.528	0.584	0.629	0.308	0.377	0.397	0.443	0.485	0.536	0.578	0.313	0.382	0.402	0.448	0.490	0.541	0.583
\$325,000	0.314	0.390	0.412	0.463	0.510	0.567	0.613	0.288	0.358	0.378	0.425	0.468	0.521	0.563	0.293	0.363	0.383	0.430	0.473	0.526	0.568
\$350,000	0.294	0.370	0.393	0.444	0.493	0.551	0.598	0.270	0.340	0.361	0.408	0.453	0.506	0.549	0.275	0.345	0.366	0.413	0.458	0.511	0.554
\$375,000	0.273	0.352	0.374	0.425	0.475	0.536	0.583	0.251	0.323	0.343	0.390	0.436	0.492	0.535	0.256	0.328	0.348	0.395	0.441	0.497	0.540
\$400,000	0.256	0.333	0.355	0.408	0.459	0.519	0.569	0.235	0.306	0.326	0.375	0.421	0.477	0.523	0.240	0.311	0.331	0.380	0.426	0.482	0.528
\$425,000	0.240	0.316	0.339	0.391	0.443	0.505	0.555	0.220	0.290	0.311	0.359	0.407	0.464	0.510	0.225	0.295	0.316	0.364	0.412	0.469	0.515
\$450,000	0.223	0.299	0.322	0.376	0.427	0.490	0.541	0.205	0.275	0.296	0.345	0.392	0.450	0.497	0.210	0.280	0.301	0.350	0.397	0.455	0.502
\$475,000	0.208	0.285	0.307	0.360	0.412	0.476	0.528	0.191	0.262	0.282	0.331	0.378	0.437	0.485	0.196	0.267	0.287	0.336	0.383	0.442	0.490
\$500,000	0.194	0.269	0.292	0.344	0.397	0.461	0.514	0.178	0.247	0.268	0.316	0.365	0.423	0.472	0.183	0.252	0.273	0.321	0.370	0.428	0.477
\$600,000	0.148	0.221	0.241	0.292	0.345	0.409	0.465	0.136	0.203	0.221	0.268	0.317	0.376	0.427	0.141	0.208	0.226	0.273	0.322	0.381	0.432
\$700,000	0.115	0.183	0.199	0.250	0.299	0.365	0.421	0.106	0.168	0.183	0.230	0.275	0.335	0.387	0.111	0.173	0.188	0.235	0.280	0.340	0.392
\$800,000	0.090	0.153	0.168	0.214	0.263	0.326	0.381	0.083	0.140	0.154	0.197	0.242	0.299	0.350	0.088	0.145	0.159	0.202	0.247	0.304	0.355
\$900,000	0.069	0.130	0.141	0.184	0.230	0.292	0.347	0.063	0.119	0.129	0.169	0.211	0.268	0.319	0.068	0.124	0.134	0.174	0.216	0.273	0.324
\$1,000,000	0.0562	0.1118	0.1210	0.1606	0.2041	0.2628	0.3167	0.0516	0.1027	0.1111	0.1475	0.1874	0.2413	0.2908	0.0566	0.1077	0.1161	0.1525	0.1924	0.2463	0.2958
\$2,000,000	0.0286	0.0574	0.0632	0.0861	0.1114	0.1522	0.1919	0.0263	0.0527	0.0580	0.0791	0.1023	0.1398	0.1762	0.0313	0.0577	0.0630	0.0841	0.1073	0.1448	0.1812
\$3,000,000	0.0189	0.0383	0.0424	0.0585	0.0763	0.1072	0.1387	0.0174	0.0352	0.0389	0.0537	0.0701	0.0984	0.1274	0.0224	0.0402	0.0439	0.0587	0.0751	0.1034	0.1324
\$4,000,000	0.0142	0.0285	0.0317	0.0440	0.0578	0.0825	0.1080	0.0130	0.0262	0.0291	0.0404	0.0531	0.0758	0.0992	0.0180	0.0312	0.0341	0.0454	0.0581	0.0808	0.1042
\$5,000,000	0.0111	0.0227	0.0253	0.0349	0.0463	0.0665	0.0880	0.0102	0.0208	0.0232	0.0320	0.0425	0.0611	0.0808	0.0152	0.0258	0.0282	0.0370	0.0475	0.0661	0.0858
\$6,000,000	0.0091	0.0187	0.0207	0.0289	0.0384	0.0555	0.0738	0.0084	0.0172	0.0190	0.0265	0.0353	0.0510	0.0678	0.0126	0.0222	0.0240	0.0315	0.0403	0.0560	0.0728
\$7,000,000	0.0077	0.0159	0.0174	0.0247	0.0327	0.0473	0.0637	0.0071	0.0146	0.0160	0.0227	0.0300	0.0434	0.0585	0.0107	0.0196	0.0210	0.0277	0.0350	0.0484	0.0635
\$8,000,000	0.0066	0.0135	0.0152	0.0214	0.0284	0.0413	0.0554	0.0061	0.0124	0.0140	0.0197	0.0261	0.0379	0.0509	0.0092	0.0174	0.0190	0.0247	0.0311	0.0429	0.0559
\$9,000,000	0.0057	0.0117	0.0133	0.0186	0.0247	0.0363	0.0491	0.0052	0.0107	0.0122	0.0171	0.0227	0.0333	0.0451	0.0078	0.0157	0.0172	0.0221	0.0277	0.0383	0.0501
\$10,000,000	0.0051	0.0103	0.0116	0.0165	0.0225	0.0323	0.0440	0.0047	0.0095	0.0107	0.0152	0.0207	0.0297	0.0404	0.0071	0.0143	0.0157	0.0202	0.0257	0.0347	0.0454

* 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 (Pure Premium) Factors with Adjustment for ALAE

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	0.793	0.822	0.824	0.842	0.857	0.875	0.884	0.821	0.836	0.836	0.848	0.856	0.870	0.886	-3.4%	-1.7%	-1.4%	-0.7%	0.1%	0.6%	-0.2%
\$15,000	0.761	0.796	0.800	0.820	0.838	0.860	0.872	0.796	0.814	0.814	0.829	0.839	0.855	0.874	-4.4%	-2.2%	-1.7%	-1.1%	-0.1%	0.6%	-0.2%
\$20,000	0.736	0.775	0.778	0.803	0.822	0.846	0.861	0.776	0.794	0.796	0.811	0.823	0.842	0.862	-5.2%	-2.4%	-2.3%	-1.0%	-0.1%	0.5%	-0.1%
\$25,000	0.712	0.754	0.759	0.786	0.808	0.835	0.851	0.757	0.779	0.779	0.797	0.810	0.829	0.853	-5.9%	-3.2%	-2.6%	-1.4%	-0.2%	0.7%	-0.2%
\$30,000	0.693	0.735	0.742	0.770	0.794	0.823	0.842	0.739	0.764	0.766	0.783	0.797	0.819	0.844	-6.2%	-3.8%	-3.1%	-1.7%	-0.4%	0.5%	-0.2%
\$35,000	0.674	0.720	0.727	0.756	0.781	0.812	0.833	0.724	0.750	0.752	0.771	0.786	0.809	0.837	-6.9%	-4.0%	-3.3%	-1.9%	-0.6%	0.4%	-0.5%
\$40,000	0.659	0.707	0.714	0.742	0.769	0.801	0.823	0.709	0.737	0.739	0.760	0.775	0.799	0.829	-7.1%	-4.1%	-3.4%	-2.4%	-0.8%	0.3%	-0.7%
\$50,000	0.630	0.681	0.688	0.719	0.748	0.782	0.807	0.686	0.714	0.717	0.739	0.755	0.782	0.814	-8.2%	-4.6%	-4.0%	-2.7%	-0.9%	0.0%	-0.9%
\$75,000	0.575	0.629	0.639	0.674	0.704	0.742	0.771	0.637	0.669	0.673	0.695	0.715	0.744	0.779	-9.7%	-6.0%	-5.1%	-3.0%	-1.5%	-0.3%	-1.0%
\$100,000	0.531	0.588	0.598	0.635	0.669	0.711	0.741	0.599	0.632	0.637	0.663	0.684	0.714	0.752	-11.4%	-7.0%	-6.1%	-4.2%	-2.2%	-0.4%	-1.5%
\$125,000	0.494	0.553	0.565	0.603	0.637	0.680	0.715	0.566	0.601	0.608	0.633	0.655	0.688	0.727	-12.7%	-8.0%	-7.1%	-4.7%	-2.7%	-1.2%	-1.7%
\$150,000	0.462	0.523	0.536	0.574	0.610	0.655	0.689	0.540	0.575	0.581	0.609	0.630	0.664	0.706	-14.4%	-9.0%	-7.7%	-5.7%	-3.2%	-1.4%	-2.4%
\$175,000	0.434	0.496	0.509	0.550	0.586	0.633	0.668	0.515	0.551	0.559	0.585	0.609	0.643	0.686	-15.7%	-10.0%	-8.9%	-6.0%	-3.8%	-1.6%	-2.6%
\$200,000	0.406	0.470	0.485	0.526	0.563	0.611	0.650	0.493	0.531	0.538	0.565	0.588	0.622	0.666	-17.6%	-11.5%	-9.9%	-6.9%	-4.3%	-1.8%	-2.4%
\$225,000	0.382	0.447	0.462	0.505	0.543	0.592	0.631	0.473	0.510	0.519	0.546	0.570	0.605	0.650	-19.2%	-12.4%	-11.0%	-7.5%	-4.7%	-2.1%	-2.9%
\$250,000	0.357	0.425	0.442	0.483	0.525	0.575	0.613	0.453	0.490	0.499	0.528	0.552	0.588	0.634	-21.2%	-13.3%	-11.4%	-8.5%	-4.9%	-2.2%	-3.3%
\$275,000	0.334	0.404	0.422	0.466	0.506	0.558	0.598	0.433	0.472	0.482	0.512	0.537	0.573	0.619	-22.9%	-14.4%	-12.4%	-9.0%	-5.8%	-2.6%	-3.4%
\$300,000	0.313	0.382	0.402	0.448	0.490	0.541	0.583	0.413	0.454	0.465	0.495	0.521	0.558	0.605	-24.2%	-15.9%	-13.5%	-9.5%	-6.0%	-3.0%	-3.6%
\$325,000	0.293	0.363	0.383	0.431	0.473	0.526	0.568	0.395	0.436	0.448	0.479	0.506	0.544	0.591	-25.8%	-16.7%	-14.5%	-10.0%	-6.5%	-3.3%	-3.9%
\$350,000	0.275	0.345	0.366	0.413	0.457	0.511	0.554	0.378	0.419	0.432	0.464	0.490	0.530	0.578	-27.2%	-17.7%	-15.3%	-11.0%	-6.7%	-3.6%	-4.2%
\$375,000	0.256	0.328	0.348	0.397	0.441	0.497	0.540	0.362	0.403	0.416	0.449	0.476	0.516	0.565	-29.3%	-18.6%	-16.3%	-11.6%	-7.4%	-3.7%	-4.4%
\$400,000	0.240	0.311	0.331	0.380	0.426	0.482	0.528	0.345	0.388	0.401	0.434	0.462	0.503	0.552	-30.4%	-19.8%	-17.5%	-12.4%	-7.8%	-4.2%	-4.3%
\$425,000	0.225	0.295	0.316	0.365	0.412	0.469	0.515	0.331	0.373	0.387	0.419	0.449	0.489	0.540	-32.0%	-20.9%	-18.3%	-12.9%	-8.2%	-4.1%	-4.6%
\$450,000	0.210	0.280	0.301	0.350	0.397	0.455	0.503	0.316	0.358	0.372	0.405	0.435	0.477	0.528	-33.5%	-21.8%	-19.1%	-13.6%	-8.7%	-4.6%	-4.7%
\$475,000	0.196	0.266	0.287	0.336	0.383	0.442	0.490	0.302	0.346	0.358	0.392	0.422	0.465	0.516	-35.1%	-23.1%	-19.8%	-14.3%	-9.2%	-4.9%	-5.0%
\$500,000	0.183	0.252	0.273	0.321	0.370	0.428	0.478	0.288	0.333	0.344	0.378	0.409	0.453	0.504	-36.5%	-24.3%	-20.6%	-15.1%	-9.5%	-5.5%	-5.2%
\$600,000	0.141	0.208	0.226	0.273	0.322	0.381	0.432	0.243	0.283	0.299	0.332	0.363	0.407	0.461	-42.0%	-26.5%	-24.4%	-17.8%	-11.3%	-6.4%	-6.3%
\$700,000	0.111	0.173	0.188	0.235	0.280	0.340	0.392	0.204	0.244	0.257	0.291	0.322	0.366	0.421	-45.6%	-29.1%	-26.8%	-19.2%	-13.0%	-7.1%	-6.9%
\$800,000	0.088	0.145	0.159	0.202	0.247	0.304	0.355	0.173	0.211	0.224	0.255	0.287	0.331	0.386	-49.1%	-31.3%	-29.0%	-20.8%	-13.9%	-8.2%	-8.0%
\$900,000	0.068	0.124	0.134	0.174	0.216	0.273	0.324	0.147	0.183	0.195	0.227	0.255	0.299	0.354	-53.7%	-32.2%	-31.3%	-23.3%	-15.3%	-8.7%	-8.5%
\$1,000,000	0.0566	0.1077	0.1161	0.1525	0.1924	0.2463	0.2958	0.1266	0.1603	0.1716	0.2006	0.2288	0.2708	0.3257	-55.3%	-32.8%	-32.3%	-24.0%	-15.9%	-9.0%	-9.2%
\$2,000,000	0.0313	0.0577	0.0630	0.0841	0.1073	0.1448	0.1812	0.0644	0.0821	0.0888	0.1071	0.1252	0.1570	0.1981	-51.4%	-29.7%	-29.1%	-21.5%	-14.3%	-7.8%	-8.5%
\$3,000,000	0.0224	0.0402	0.0439	0.0587	0.0751	0.1034	0.1324	0.0438	0.0552	0.0600	0.0725	0.0852	0.1097	0.1422	-48.9%	-27.2%	-26.8%	-19.0%	-11.9%	-5.7%	-6.9%
\$4,000,000	0.0180	0.0312	0.0341	0.0454	0.0581	0.0808	0.1042	0.0333	0.0413	0.0450	0.0547	0.0645	0.0834	0.1102	-45.9%	-24.5%	-24.2%	-17.0%	-9.9%	-3.1%	-5.4%
\$5,000,000	0.0152	0.0258	0.0282	0.0370	0.0475	0.0661	0.0858	0.0267	0.0337	0.0365	0.0441	0.0520	0.0672	0.0893	-43.1%	-23.4%	-22.7%	-16.1%	-8.7%	-1.6%	-3.9%
\$6,000,000	0.0126	0.0222	0.0240	0.0315	0.0403	0.0560	0.0728	0.0226	0.0281	0.0308	0.0371	0.0433	0.0563	0.0749	-44.2%	-21.0%	-22.1%	-15.1%	-6.9%	-0.5%	-2.8%
\$7,000,000	0.0107	0.0196	0.0210	0.0277	0.0350	0.0484	0.0635	0.0200	0.0245	0.0263	0.0318	0.0375	0.0483	0.0646	-46.5%	-20.0%	-20.2%	-12.9%	-6.7%	0.2%	-1.7%
\$8,000,000	0.0092	0.0174	0.0190	0.0247	0.0311	0.0429	0.0559	0.0178	0.0214	0.0235	0.0281	0.0330	0.0424	0.0566	-48.3%	-18.7%	-19.1%	-12.1%	-5.8%	1.2%	-1.2%
\$9,000,000	0.0078	0.0157	0.0172	0.0221	0.0277	0.0383	0.0501	0.0157	0.0193	0.0210	0.0249	0.0294	0.0377	0.0502	-50.3%	-18.7%	-18.1%	-11.2%	-5.8%	1.6%	-0.2%
\$10,000,000	0.0071	0.0143	0.0157	0.0202	0.0257	0.0347	0.0454	0.0140	0.0176	0.0190	0.0226	0.0265	0.0340	0.0454	-49.3%	-18.8%	-17.4%	-10.6%	-3.0%	2.1%	0.0%

* Adjusted