

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								ELF adjusted for LBA's						ELF adjusted for LBA's & Risk Load							
	HG A	HG B	HG C	HG D	HG E	HG F	HG G	TCR	HG A	HG B	HG C	HG D	HG E	HG F	HG G	HG A	HG B	HG C	HG D	HG E	HG F	HG G
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
	Pg2	Pg3	Pg4	Pg5	Pg6	Pg7	Pg8	(1)*TCR	(1)*TCR	(2)*TCR	(3)*TCR	(4)*TCR	(5)*TCR	(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	0.559	0.580	0.581	0.594	0.605	0.617	0.623	0.564	0.585	0.586	0.599	0.610	0.622	0.628	
\$15,000	0.823	0.861	0.866	0.888	0.907	0.931	0.945	0.536	0.561	0.564	0.579	0.591	0.607	0.616	0.541	0.566	0.569	0.584	0.596	0.612	0.621	
\$20,000	0.796	0.838	0.842	0.869	0.890	0.916	0.932	0.519	0.546	0.549	0.566	0.580	0.597	0.607	0.524	0.551	0.554	0.571	0.585	0.602	0.612	
\$25,000	0.770	0.816	0.821	0.850	0.874	0.904	0.922	0.502	0.532	0.535	0.554	0.569	0.589	0.601	0.507	0.537	0.540	0.559	0.574	0.594	0.606	
\$30,000	0.749	0.795	0.803	0.833	0.859	0.891	0.911	0.488	0.518	0.523	0.543	0.560	0.580	0.594	0.493	0.523	0.528	0.548	0.565	0.585	0.599	
\$35,000	0.729	0.779	0.786	0.818	0.845	0.879	0.901	0.475	0.508	0.512	0.533	0.551	0.573	0.587	0.480	0.513	0.517	0.538	0.556	0.578	0.592	
\$40,000	0.712	0.764	0.772	0.803	0.832	0.867	0.891	0.464	0.498	0.503	0.523	0.542	0.565	0.580	0.469	0.503	0.508	0.528	0.547	0.570	0.585	
\$50,000	0.681	0.736	0.744	0.778	0.809	0.846	0.873	0.444	0.480	0.485	0.507	0.527	0.551	0.569	0.449	0.485	0.490	0.512	0.532	0.556	0.574	
\$75,000	0.621	0.680	0.690	0.728	0.761	0.803	0.834	0.405	0.443	0.450	0.474	0.496	0.523	0.543	0.410	0.448	0.455	0.479	0.501	0.528	0.548	
\$100,000	0.573	0.635	0.646	0.686	0.723	0.769	0.801	0.373	0.414	0.421	0.447	0.471	0.501	0.522	0.378	0.419	0.426	0.452	0.476	0.506	0.527	
\$125,000	0.532	0.597	0.610	0.651	0.688	0.735	0.774	0.347	0.389	0.397	0.424	0.448	0.479	0.504	0.352	0.394	0.402	0.429	0.453	0.484	0.509	
\$150,000	0.498	0.564	0.578	0.620	0.659	0.708	0.745	0.324	0.367	0.377	0.404	0.429	0.461	0.485	0.329	0.372	0.382	0.409	0.434	0.466	0.490	
\$175,000	0.467	0.535	0.549	0.593	0.633	0.684	0.722	0.304	0.349	0.358	0.386	0.412	0.446	0.470	0.309	0.354	0.363	0.391	0.417	0.451	0.475	
\$200,000	0.437	0.506	0.523	0.567	0.608	0.660	0.702	0.285	0.330	0.341	0.369	0.396	0.430	0.457	0.290	0.335	0.346	0.374	0.401	0.435	0.462	
\$225,000	0.410	0.481	0.498	0.545	0.586	0.639	0.682	0.267	0.313	0.324	0.355	0.382	0.416	0.444	0.272	0.318	0.329	0.360	0.387	0.421	0.449	
\$250,000	0.383	0.457	0.476	0.521	0.567	0.621	0.662	0.250	0.298	0.310	0.339	0.369	0.405	0.431	0.255	0.303	0.315	0.344	0.374	0.410	0.436	
\$275,000	0.358	0.434	0.454	0.502	0.546	0.602	0.646	0.233	0.283	0.296	0.327	0.356	0.392	0.421	0.238	0.288	0.301	0.332	0.361	0.397	0.426	
\$300,000	0.335	0.411	0.432	0.482	0.528	0.584	0.629	0.218	0.268	0.281	0.314	0.344	0.380	0.410	0.223	0.273	0.286	0.319	0.349	0.385	0.415	
\$325,000	0.314	0.390	0.412	0.463	0.510	0.567	0.613	0.205	0.254	0.268	0.302	0.332	0.369	0.399	0.210	0.259	0.273	0.307	0.337	0.374	0.404	
\$350,000	0.294	0.370	0.393	0.444	0.493	0.551	0.598	0.192	0.241	0.256	0.289	0.321	0.359	0.390	0.197	0.246	0.261	0.294	0.326	0.364	0.395	
\$375,000	0.273	0.352	0.374	0.425	0.475	0.536	0.583	0.178	0.229	0.244	0.277	0.309	0.349	0.380	0.183	0.234	0.249	0.282	0.314	0.354	0.385	
\$400,000	0.256	0.333	0.355	0.408	0.459	0.519	0.569	0.167	0.217	0.231	0.266	0.299	0.338	0.371	0.172	0.222	0.236	0.271	0.304	0.343	0.376	
\$425,000	0.240	0.316	0.339	0.391	0.443	0.505	0.555	0.156	0.206	0.221	0.255	0.289	0.329	0.362	0.161	0.211	0.226	0.260	0.294	0.334	0.367	
\$450,000	0.223	0.299	0.322	0.376	0.427	0.490	0.541	0.145	0.195	0.210	0.245	0.278	0.319	0.352	0.150	0.200	0.215	0.250	0.283	0.324	0.357	
\$475,000	0.208	0.285	0.307	0.360	0.412	0.476	0.528	0.136	0.186	0.200	0.235	0.268	0.310	0.344	0.141	0.191	0.205	0.240	0.273	0.315	0.349	
\$500,000	0.194	0.269	0.292	0.344	0.397	0.461	0.514	0.126	0.175	0.190	0.224	0.259	0.300	0.335	0.131	0.180	0.195	0.229	0.264	0.305	0.340	
\$600,000	0.148	0.221	0.241	0.292	0.345	0.409	0.465	0.096	0.144	0.157	0.190	0.225	0.266	0.303	0.101	0.149	0.162	0.195	0.230	0.271	0.308	
\$700,000	0.115	0.183	0.199	0.250	0.299	0.365	0.421	0.075	0.119	0.130	0.163	0.195	0.238	0.274	0.080	0.124	0.135	0.168	0.200	0.243	0.279	
\$800,000	0.090	0.153	0.168	0.214	0.263	0.326	0.381	0.059	0.100	0.109	0.139	0.171	0.212	0.248	0.064	0.105	0.114	0.144	0.176	0.217	0.253	
\$900,000	0.069	0.130	0.141	0.184	0.230	0.292	0.347	0.045	0.085	0.092	0.120	0.150	0.190	0.226	0.050	0.090	0.097	0.125	0.155	0.195	0.231	
\$1,000,000	0.0562	0.1118	0.1210	0.1606	0.2041	0.2628	0.3167	0.0366	0.0728	0.0788	0.1046	0.1330	0.1712	0.2063	0.0416	0.0778	0.0838	0.1096	0.1380	0.1762	0.2113	
\$2,000,000	0.0286	0.0574	0.0632	0.0861	0.1114	0.1522	0.1919	0.0186	0.0374	0.0412	0.0561	0.0726	0.0992	0.1250	0.0236	0.0424	0.0462	0.0611	0.0776	0.1042	0.1300	
\$3,000,000	0.0189	0.0383	0.0424	0.0585	0.0763	0.1072	0.1387	0.0123	0.0250	0.0276	0.0381	0.0497	0.0698	0.0904	0.0173	0.0300	0.0326	0.0431	0.0547	0.0748	0.0954	
\$4,000,000	0.0142	0.0285	0.0317	0.0440	0.0578	0.0825	0.1080	0.0093	0.0186	0.0207	0.0287	0.0377	0.0537	0.0704	0.0140	0.0236	0.0257	0.0337	0.0427	0.0587	0.0754	
\$5,000,000	0.0111	0.0227	0.0253	0.0349	0.0463	0.0665	0.0880	0.0072	0.0148	0.0165	0.0227	0.0302	0.0433	0.0573	0.0108	0.0198	0.0215	0.0277	0.0352	0.0483	0.0623	
\$6,000,000	0.0091	0.0187	0.0207	0.0289	0.0384	0.0555	0.0738	0.0059	0.0122	0.0135	0.0188	0.0250	0.0362	0.0481	0.0089	0.0172	0.0185	0.0238	0.0300	0.0412	0.0531	
\$7,000,000	0.0077	0.0159	0.0174	0.0247	0.0327	0.0473	0.0637	0.0050	0.0104	0.0113	0.0161	0.0213	0.0308	0.0415	0.0075	0.0154	0.0163	0.0211	0.0263	0.0358	0.0465	
\$8,000,000	0.0066	0.0135	0.0152	0.0214	0.0284	0.0413	0.0554	0.0043	0.0088	0.0099	0.0139	0.0185	0.0269	0.0361	0.0065	0.0132	0.0149	0.0189	0.0235	0.0319	0.0411	
\$9,000,000	0.0057	0.0117	0.0133	0.0186	0.0247	0.0363	0.0491	0.0037	0.0076	0.0087	0.0121	0.0161	0.0236	0.0320	0.0056	0.0114	0.0131	0.0171	0.0211	0.0286	0.0370	
\$10,000,000	0.0051	0.0103	0.0116	0.0165	0.0225	0.0323	0.0440	0.0033	0.0067	0.0076	0.0107	0.0147	0.0210	0.0287	0.0050	0.0101	0.0114	0.0157	0.0197	0.0260	0.0337	

* 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 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	0.564	0.585	0.586	0.599	0.610	0.622	0.629	0.596	0.607	0.607	0.615	0.621	0.631	0.642	-5.4%	-3.6%	-3.5%	-2.6%	-1.8%	-1.4%	-2.0%
\$15,000	0.541	0.566	0.569	0.584	0.596	0.612	0.621	0.577	0.591	0.591	0.601	0.609	0.621	0.634	-6.2%	-4.2%	-3.7%	-2.8%	-2.1%	-1.4%	-2.1%
\$20,000	0.524	0.551	0.554	0.571	0.585	0.602	0.613	0.563	0.576	0.577	0.589	0.597	0.611	0.625	-6.9%	-4.3%	-4.0%	-3.1%	-2.0%	-1.5%	-1.9%
\$25,000	0.507	0.537	0.540	0.559	0.574	0.594	0.606	0.549	0.565	0.565	0.578	0.587	0.601	0.619	-7.7%	-5.0%	-4.4%	-3.3%	-2.2%	-1.2%	-2.1%
\$30,000	0.493	0.523	0.528	0.548	0.565	0.585	0.599	0.536	0.554	0.555	0.568	0.578	0.593	0.613	-8.0%	-5.6%	-4.9%	-3.5%	-2.2%	-1.3%	-2.3%
\$35,000	0.480	0.513	0.517	0.538	0.556	0.578	0.592	0.525	0.544	0.546	0.559	0.570	0.586	0.607	-8.6%	-5.7%	-5.3%	-3.8%	-2.5%	-1.4%	-2.5%
\$40,000	0.469	0.503	0.508	0.528	0.547	0.570	0.585	0.514	0.535	0.536	0.551	0.562	0.579	0.601	-8.8%	-6.0%	-5.2%	-4.2%	-2.7%	-1.6%	-2.7%
\$50,000	0.449	0.485	0.490	0.512	0.532	0.556	0.574	0.498	0.518	0.520	0.536	0.548	0.567	0.590	-9.8%	-6.4%	-5.8%	-4.5%	-2.9%	-1.9%	-2.7%
\$75,000	0.410	0.448	0.455	0.479	0.501	0.528	0.548	0.462	0.486	0.488	0.504	0.519	0.540	0.565	-11.3%	-7.8%	-6.8%	-5.0%	-3.5%	-2.2%	-3.0%
\$100,000	0.378	0.419	0.426	0.452	0.476	0.506	0.527	0.435	0.459	0.462	0.481	0.496	0.518	0.545	-13.1%	-8.7%	-7.8%	-6.0%	-4.0%	-2.3%	-3.3%
\$125,000	0.352	0.394	0.402	0.429	0.453	0.484	0.509	0.411	0.437	0.441	0.459	0.475	0.499	0.528	-14.4%	-9.8%	-8.8%	-6.5%	-4.6%	-3.0%	-3.6%
\$150,000	0.329	0.372	0.382	0.409	0.434	0.466	0.490	0.392	0.417	0.422	0.442	0.457	0.482	0.512	-16.1%	-10.8%	-9.5%	-7.5%	-5.0%	-3.3%	-4.3%
\$175,000	0.309	0.354	0.363	0.391	0.417	0.451	0.475	0.374	0.400	0.406	0.425	0.442	0.466	0.498	-17.4%	-11.5%	-10.6%	-8.0%	-5.7%	-3.2%	-4.6%
\$200,000	0.290	0.335	0.346	0.374	0.401	0.435	0.462	0.358	0.385	0.391	0.410	0.427	0.452	0.484	-19.0%	-13.0%	-11.5%	-8.8%	-6.1%	-3.8%	-4.5%
\$225,000	0.272	0.318	0.329	0.359	0.387	0.423	0.449	0.344	0.370	0.377	0.397	0.414	0.440	0.472	-20.9%	-14.1%	-12.7%	-9.6%	-6.5%	-3.9%	-4.9%
\$250,000	0.255	0.303	0.315	0.344	0.374	0.410	0.436	0.329	0.357	0.363	0.383	0.401	0.427	0.461	-22.5%	-15.1%	-13.2%	-10.2%	-6.7%	-4.0%	-5.4%
\$275,000	0.238	0.288	0.301	0.332	0.361	0.398	0.426	0.315	0.343	0.350	0.372	0.390	0.416	0.449	-24.4%	-16.0%	-14.0%	-10.8%	-7.4%	-4.3%	-5.1%
\$300,000	0.224	0.273	0.287	0.319	0.349	0.385	0.415	0.300	0.330	0.338	0.360	0.378	0.405	0.439	-25.3%	-17.3%	-15.1%	-11.4%	-7.7%	-4.9%	-5.5%
\$325,000	0.210	0.259	0.273	0.307	0.337	0.374	0.405	0.287	0.317	0.326	0.349	0.367	0.395	0.429	-26.8%	-18.3%	-16.3%	-12.0%	-8.2%	-5.3%	-5.6%
\$350,000	0.197	0.246	0.261	0.294	0.326	0.364	0.395	0.275	0.304	0.314	0.337	0.356	0.385	0.420	-28.4%	-19.1%	-16.9%	-12.8%	-8.4%	-5.5%	-6.0%
\$375,000	0.183	0.234	0.249	0.282	0.314	0.354	0.385	0.263	0.293	0.302	0.327	0.346	0.375	0.410	-30.4%	-20.1%	-17.5%	-13.8%	-9.2%	-5.6%	-6.1%
\$400,000	0.172	0.222	0.238	0.271	0.304	0.344	0.376	0.251	0.282	0.292	0.316	0.336	0.365	0.401	-31.5%	-21.3%	-18.5%	-14.2%	-9.5%	-5.8%	-6.2%
\$425,000	0.161	0.211	0.226	0.260	0.293	0.334	0.367	0.240	0.272	0.281	0.306	0.326	0.356	0.392	-32.9%	-22.4%	-19.6%	-15.0%	-10.1%	-6.2%	-6.4%
\$450,000	0.150	0.200	0.215	0.250	0.283	0.324	0.358	0.230	0.261	0.271	0.295	0.316	0.346	0.383	-34.8%	-23.4%	-20.7%	-15.3%	-10.4%	-6.4%	-6.5%
\$475,000	0.141	0.190	0.205	0.239	0.273	0.315	0.349	0.219	0.251	0.261	0.285	0.307	0.338	0.375	-35.6%	-24.3%	-21.5%	-16.1%	-11.1%	-6.8%	-6.9%
\$500,000	0.131	0.180	0.195	0.229	0.264	0.305	0.340	0.210	0.242	0.251	0.275	0.297	0.329	0.366	-37.6%	-25.6%	-22.3%	-16.7%	-11.1%	-7.3%	-7.1%
\$600,000	0.101	0.149	0.162	0.195	0.230	0.271	0.308	0.177	0.206	0.217	0.241	0.264	0.296	0.335	-42.9%	-27.7%	-25.3%	-19.1%	-12.9%	-8.4%	-8.1%
\$700,000	0.080	0.124	0.135	0.168	0.200	0.243	0.279	0.149	0.178	0.188	0.212	0.235	0.266	0.306	-46.3%	-30.3%	-28.2%	-20.8%	-14.9%	-8.6%	-8.8%
\$800,000	0.064	0.105	0.114	0.144	0.176	0.217	0.253	0.127	0.154	0.164	0.186	0.209	0.241	0.281	-49.6%	-31.8%	-30.5%	-22.6%	-15.8%	-10.0%	-10.0%
\$900,000	0.050	0.090	0.097	0.125	0.155	0.195	0.231	0.108	0.134	0.142	0.166	0.186	0.218	0.257	-53.7%	-32.8%	-31.7%	-24.7%	-16.7%	-10.6%	-10.1%
\$1,000,000	0.0416	0.0778	0.0838	0.1096	0.1380	0.1762	0.2113	0.0930	0.1174	0.1256	0.1466	0.1670	0.1974	0.2371	-55.3%	-33.7%	-33.3%	-25.2%	-17.4%	-10.7%	-10.9%
\$2,000,000	0.0236	0.0424	0.0462	0.0611	0.0776	0.1042	0.1300	0.0480	0.0608	0.0656	0.0789	0.0920	0.1150	0.1448	-50.8%	-30.3%	-29.6%	-22.6%	-15.7%	-9.4%	-10.2%
\$3,000,000	0.0173	0.0300	0.0326	0.0431	0.0547	0.0748	0.0954	0.0331	0.0413	0.0448	0.0539	0.0630	0.0808	0.1043	-47.7%	-27.4%	-27.2%	-20.0%	-13.2%	-7.4%	-8.5%
\$4,000,000	0.0140	0.0236	0.0257	0.0337	0.0427	0.0587	0.0754	0.0255	0.0313	0.0340	0.0410	0.0481	0.0618	0.0812	-45.1%	-24.6%	-24.4%	-17.8%	-11.2%	-5.0%	-7.1%
\$5,000,000	0.0108	0.0198	0.0215	0.0277	0.0352	0.0483	0.0623	0.0207	0.0258	0.0278	0.0333	0.0390	0.0500	0.0660	-47.8%	-23.3%	-22.7%	-16.8%	-9.7%	-3.4%	-5.6%
\$6,000,000	0.0089	0.0172	0.0185	0.0238	0.0300	0.0412	0.0531	0.0177	0.0217	0.0237	0.0282	0.0327	0.0421	0.0556	-49.7%	-20.7%	-21.9%	-15.6%	-8.3%	-2.1%	-4.5%
\$7,000,000	0.0075	0.0152	0.0163	0.0211	0.0263	0.0358	0.0465	0.0157	0.0191	0.0204	0.0244	0.0285	0.0363	0.0482	-52.2%	-20.4%	-20.1%	-13.5%	-7.7%	-1.4%	-3.5%
\$8,000,000	0.0065	0.0132	0.0146	0.0189	0.0235	0.0319	0.0411	0.0137	0.0169	0.0184	0.0217	0.0253	0.0321	0.0424	-52.6%	-21.9%	-20.7%	-12.9%	-7.1%	-0.6%	-3.1%
\$9,000,000	0.0056	0.0114	0.0130	0.0171	0.0211	0.0286	0.0370	0.0117	0.0153	0.0166	0.0194	0.0227	0.0286	0.0377	-52.1%	-25.5%	-21.7%	-11.9%	-7.0%	0.0%	-1.9%
\$10,000,000	0.0050	0.0101	0.0114	0.0157	0.0197	0.0260	0.0337	0.0101	0.0137	0.0152	0.0177	0.0205	0.0260	0.0342	-50.5%	-26.3%	-25.0%	-11.3%	-3.9%	0.0%	-1.5%

* Adjusted