

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

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	TCR	0.5708	HG D	HG E	HG F	HG G	HG A	HG B	HG C	HG D	HG E	HG F	HG G
	(1) Pg2	(2) Pg3	(3) Pg4	(4) Pg5	(5) Pg6	(6) Pg7	(7) Pg8	(8) (1)*TCR	(9) (1)*TCR	(10) (2)*TCR	(11) (3)*TCR	(12) (4)*TCR	(13) (5)*TCR	(14) (6)*TCR	(15)	(16)	(17)	(18)	(19)	(20)	(21)
\$10,000	0.858	0.890	0.892	0.912	0.928	0.947	0.957	0.490	0.508	0.509	0.521	0.530	0.541	0.546	0.495	0.513	0.514	0.526	0.535	0.546	0.551
\$15,000	0.823	0.861	0.866	0.888	0.907	0.931	0.945	0.470	0.491	0.494	0.507	0.518	0.531	0.539	0.475	0.496	0.499	0.512	0.523	0.536	0.544
\$20,000	0.796	0.838	0.842	0.869	0.890	0.916	0.932	0.454	0.478	0.481	0.496	0.508	0.523	0.532	0.459	0.483	0.486	0.501	0.513	0.528	0.537
\$25,000	0.770	0.816	0.821	0.850	0.874	0.904	0.922	0.440	0.466	0.469	0.485	0.499	0.516	0.526	0.445	0.471	0.474	0.490	0.504	0.521	0.531
\$30,000	0.749	0.795	0.803	0.833	0.859	0.891	0.911	0.428	0.454	0.458	0.475	0.490	0.509	0.520	0.433	0.459	0.463	0.480	0.495	0.514	0.525
\$35,000	0.729	0.779	0.786	0.818	0.845	0.879	0.901	0.416	0.445	0.449	0.467	0.482	0.502	0.514	0.421	0.450	0.454	0.472	0.487	0.507	0.519
\$40,000	0.712	0.764	0.772	0.803	0.832	0.867	0.891	0.406	0.436	0.441	0.458	0.475	0.495	0.509	0.411	0.441	0.446	0.463	0.480	0.500	0.514
\$50,000	0.681	0.736	0.744	0.778	0.809	0.846	0.873	0.389	0.420	0.425	0.444	0.462	0.483	0.498	0.394	0.425	0.430	0.449	0.467	0.488	0.503
\$75,000	0.621	0.680	0.690	0.728	0.761	0.803	0.834	0.354	0.388	0.394	0.416	0.434	0.458	0.476	0.359	0.393	0.399	0.421	0.439	0.463	0.481
\$100,000	0.573	0.635	0.646	0.686	0.723	0.769	0.801	0.327	0.362	0.369	0.392	0.413	0.439	0.457	0.332	0.367	0.374	0.397	0.418	0.444	0.462
\$125,000	0.532	0.597	0.610	0.651	0.688	0.735	0.774	0.304	0.341	0.348	0.372	0.393	0.420	0.442	0.309	0.346	0.353	0.377	0.398	0.425	0.447
\$150,000	0.498	0.564	0.578	0.620	0.659	0.708	0.745	0.284	0.322	0.330	0.354	0.376	0.404	0.425	0.289	0.327	0.335	0.359	0.381	0.409	0.430
\$175,000	0.467	0.535	0.549	0.593	0.633	0.684	0.722	0.267	0.305	0.313	0.338	0.361	0.390	0.412	0.272	0.310	0.318	0.343	0.366	0.395	0.417
\$200,000	0.437	0.506	0.523	0.567	0.608	0.660	0.702	0.249	0.289	0.299	0.324	0.347	0.377	0.401	0.254	0.294	0.304	0.329	0.352	0.382	0.406
\$225,000	0.410	0.481	0.498	0.545	0.586	0.639	0.682	0.234	0.275	0.284	0.311	0.334	0.365	0.389	0.239	0.280	0.289	0.316	0.339	0.370	0.394
\$250,000	0.383	0.457	0.476	0.521	0.567	0.621	0.662	0.219	0.261	0.272	0.297	0.324	0.354	0.378	0.224	0.266	0.277	0.302	0.329	0.359	0.383
\$275,000	0.358	0.434	0.454	0.502	0.546	0.602	0.646	0.204	0.248	0.259	0.287	0.312	0.344	0.369	0.209	0.253	0.264	0.292	0.317	0.349	0.374
\$300,000	0.335	0.411	0.432	0.482	0.528	0.584	0.629	0.191	0.235	0.247	0.275	0.301	0.333	0.359	0.196	0.240	0.252	0.280	0.306	0.338	0.364
\$325,000	0.314	0.390	0.412	0.463	0.510	0.567	0.613	0.179	0.223	0.235	0.264	0.291	0.324	0.350	0.184	0.228	0.240	0.269	0.296	0.329	0.355
\$350,000	0.294	0.370	0.393	0.444	0.493	0.551	0.598	0.168	0.211	0.224	0.253	0.281	0.315	0.341	0.173	0.216	0.229	0.258	0.286	0.320	0.346
\$375,000	0.273	0.352	0.374	0.425	0.475	0.536	0.583	0.156	0.201	0.213	0.243	0.271	0.306	0.333	0.161	0.206	0.218	0.248	0.276	0.311	0.338
\$400,000	0.256	0.333	0.355	0.408	0.459	0.519	0.569	0.146	0.190	0.203	0.233	0.262	0.296	0.325	0.151	0.195	0.208	0.238	0.267	0.301	0.330
\$425,000	0.240	0.316	0.339	0.391	0.443	0.505	0.555	0.137	0.180	0.194	0.223	0.253	0.288	0.317	0.142	0.185	0.199	0.228	0.258	0.293	0.322
\$450,000	0.223	0.299	0.322	0.376	0.427	0.490	0.541	0.127	0.171	0.184	0.215	0.244	0.280	0.309	0.132	0.176	0.189	0.220	0.249	0.285	0.314
\$475,000	0.208	0.285	0.307	0.360	0.412	0.476	0.528	0.119	0.163	0.175	0.205	0.235	0.272	0.301	0.124	0.168	0.180	0.210	0.240	0.277	0.306
\$500,000	0.194	0.269	0.292	0.344	0.397	0.461	0.514	0.111	0.154	0.167	0.196	0.227	0.263	0.293	0.116	0.159	0.172	0.201	0.232	0.268	0.298
\$600,000	0.148	0.221	0.241	0.292	0.345	0.409	0.465	0.084	0.126	0.138	0.167	0.197	0.233	0.265	0.089	0.131	0.143	0.172	0.202	0.238	0.270
\$700,000	0.115	0.183	0.199	0.250	0.299	0.365	0.421	0.066	0.104	0.114	0.143	0.171	0.208	0.240	0.071	0.109	0.119	0.148	0.176	0.213	0.245
\$800,000	0.090	0.153	0.168	0.214	0.263	0.326	0.381	0.051	0.087	0.096	0.122	0.150	0.186	0.217	0.056	0.092	0.101	0.127	0.155	0.191	0.222
\$900,000	0.069	0.130	0.141	0.184	0.230	0.292	0.347	0.039	0.074	0.080	0.105	0.131	0.167	0.198	0.044	0.079	0.085	0.110	0.136	0.172	0.203
\$1,000,000	0.0562	0.1118	0.1210	0.1606	0.2041	0.2628	0.3167	0.0321	0.0638	0.0691	0.0917	0.1165	0.1500	0.1808	0.0371	0.0688	0.0741	0.0967	0.1215	0.1550	0.1858
\$2,000,000	0.0286	0.0574	0.0632	0.0861	0.1114	0.1522	0.1919	0.0163	0.0328	0.0361	0.0491	0.0636	0.0869	0.1095	0.0213	0.0378	0.0411	0.0541	0.0686	0.0919	0.1145
\$3,000,000	0.0189	0.0383	0.0424	0.0585	0.0763	0.1072	0.1387	0.0108	0.0219	0.0242	0.0334	0.0436	0.0612	0.0792	0.0158	0.0269	0.0292	0.0384	0.0486	0.0662	0.0842
\$4,000,000	0.0142	0.0285	0.0317	0.0440	0.0578	0.0825	0.1080	0.0081	0.0163	0.0181	0.0251	0.0330	0.0471	0.0616	0.0122	0.0213	0.0231	0.0301	0.0380	0.0521	0.0666
\$5,000,000	0.0111	0.0227	0.0253	0.0349	0.0463	0.0665	0.0880	0.0063	0.0130	0.0144	0.0199	0.0264	0.0380	0.0502	0.0095	0.0180	0.0194	0.0249	0.0314	0.0430	0.0552
\$6,000,000	0.0091	0.0187	0.0207	0.0289	0.0384	0.0555	0.0738	0.0052	0.0107	0.0118	0.0165	0.0219	0.0317	0.0421	0.0078	0.0157	0.0168	0.0215	0.0269	0.0367	0.0471
\$7,000,000	0.0077	0.0159	0.0174	0.0247	0.0327	0.0473	0.0637	0.0044	0.0091	0.0099	0.0141	0.0187	0.0270	0.0364	0.0066	0.0137	0.0149	0.0191	0.0237	0.0320	0.0414
\$8,000,000	0.0066	0.0135	0.0152	0.0214	0.0284	0.0413	0.0554	0.0038	0.0077	0.0087	0.0122	0.0162	0.0236	0.0316	0.0057	0.0116	0.0131	0.0172	0.0212	0.0286	0.0366
\$9,000,000	0.0057	0.0117	0.0133	0.0186	0.0247	0.0363	0.0491	0.0033	0.0067	0.0076	0.0106	0.0141	0.0207	0.0280	0.0050	0.0101	0.0114	0.0156	0.0191	0.0257	0.0330
\$10,000,000	0.0051	0.0103	0.0116	0.0165	0.0225	0.0323	0.0440	0.0029	0.0059	0.0066	0.0094	0.0128	0.0184	0.0251	0.0044	0.0089	0.0099	0.0141	0.0178	0.0234	0.0301

* 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	0.495	0.513	0.514	0.526	0.535	0.546	0.551	0.526	0.535	0.535	0.543	0.548	0.557	0.567	-5.9%	-4.1%	-3.9%	-3.1%	-2.4%	-2.0%	-2.8%
\$15,000	0.475	0.496	0.499	0.512	0.523	0.536	0.544	0.510	0.521	0.521	0.531	0.537	0.548	0.559	-6.9%	-4.8%	-4.2%	-3.6%	-2.6%	-2.2%	-2.7%
\$20,000	0.459	0.483	0.486	0.501	0.513	0.528	0.537	0.497	0.508	0.510	0.520	0.527	0.539	0.552	-7.6%	-4.9%	-4.7%	-3.7%	-2.7%	-2.0%	-2.7%
\$25,000	0.445	0.471	0.474	0.490	0.504	0.521	0.531	0.485	0.499	0.499	0.510	0.518	0.531	0.546	-8.2%	-5.6%	-5.0%	-3.9%	-2.7%	-1.9%	-2.7%
\$30,000	0.433	0.459	0.463	0.480	0.495	0.514	0.525	0.473	0.489	0.490	0.501	0.510	0.524	0.541	-8.5%	-6.1%	-5.5%	-4.2%	-2.9%	-1.9%	-3.0%
\$35,000	0.421	0.450	0.454	0.472	0.487	0.507	0.519	0.464	0.480	0.482	0.494	0.503	0.518	0.536	-9.3%	-6.2%	-5.8%	-4.5%	-3.2%	-2.1%	-3.2%
\$40,000	0.411	0.441	0.446	0.463	0.480	0.500	0.514	0.454	0.472	0.473	0.487	0.496	0.511	0.531	-9.5%	-6.6%	-5.7%	-4.9%	-3.2%	-2.2%	-3.2%
\$50,000	0.394	0.425	0.430	0.449	0.467	0.488	0.503	0.439	0.458	0.459	0.473	0.484	0.501	0.521	-10.3%	-7.2%	-6.3%	-5.1%	-3.5%	-2.6%	-3.5%
\$75,000	0.359	0.393	0.399	0.421	0.439	0.463	0.481	0.408	0.429	0.431	0.445	0.458	0.477	0.499	-12.0%	-8.4%	-7.4%	-5.4%	-4.1%	-2.9%	-3.6%
\$100,000	0.332	0.367	0.374	0.397	0.418	0.444	0.462	0.384	0.405	0.408	0.425	0.438	0.458	0.482	-13.5%	-9.4%	-8.3%	-6.6%	-4.6%	-3.1%	-4.1%
\$125,000	0.309	0.346	0.353	0.377	0.398	0.425	0.446	0.363	0.386	0.390	0.405	0.419	0.441	0.466	-14.9%	-10.4%	-9.5%	-6.9%	-5.0%	-3.6%	-4.3%
\$150,000	0.289	0.327	0.335	0.359	0.381	0.409	0.430	0.346	0.369	0.373	0.390	0.404	0.425	0.452	-16.5%	-11.4%	-10.2%	-7.9%	-5.7%	-3.8%	-4.9%
\$175,000	0.272	0.310	0.318	0.343	0.366	0.395	0.417	0.330	0.353	0.359	0.375	0.391	0.412	0.439	-17.6%	-12.2%	-11.4%	-8.5%	-6.4%	-4.1%	-5.0%
\$200,000	0.254	0.294	0.304	0.329	0.352	0.382	0.406	0.317	0.340	0.345	0.362	0.377	0.399	0.427	-19.9%	-13.5%	-11.9%	-9.1%	-6.6%	-4.3%	-4.9%
\$225,000	0.239	0.280	0.289	0.316	0.339	0.370	0.394	0.304	0.327	0.333	0.350	0.366	0.388	0.417	-21.4%	-14.4%	-13.2%	-9.7%	-7.4%	-4.6%	-5.5%
\$250,000	0.224	0.266	0.277	0.302	0.328	0.359	0.383	0.291	0.315	0.321	0.339	0.354	0.377	0.407	-23.0%	-15.6%	-13.7%	-10.9%	-7.3%	-4.8%	-5.9%
\$275,000	0.209	0.253	0.264	0.291	0.317	0.349	0.374	0.278	0.303	0.309	0.329	0.344	0.368	0.397	-24.8%	-16.5%	-14.6%	-11.6%	-7.8%	-5.2%	-5.8%
\$300,000	0.196	0.240	0.252	0.280	0.306	0.338	0.364	0.266	0.292	0.299	0.318	0.334	0.358	0.388	-26.3%	-17.8%	-15.7%	-11.9%	-8.4%	-5.6%	-6.2%
\$325,000	0.184	0.228	0.240	0.269	0.296	0.329	0.355	0.254	0.280	0.288	0.308	0.325	0.349	0.379	-27.6%	-18.6%	-16.7%	-12.7%	-8.9%	-5.7%	-6.3%
\$350,000	0.173	0.216	0.229	0.258	0.286	0.320	0.346	0.243	0.269	0.278	0.298	0.315	0.340	0.371	-28.8%	-19.7%	-17.6%	-13.4%	-9.2%	-5.9%	-6.7%
\$375,000	0.161	0.206	0.218	0.248	0.276	0.311	0.338	0.233	0.259	0.267	0.289	0.306	0.331	0.362	-30.9%	-20.5%	-18.4%	-14.2%	-9.8%	-6.0%	-6.6%
\$400,000	0.151	0.195	0.208	0.238	0.267	0.302	0.330	0.222	0.249	0.258	0.279	0.297	0.323	0.354	-32.0%	-21.7%	-19.4%	-14.7%	-10.1%	-6.5%	-6.8%
\$425,000	0.142	0.185	0.199	0.228	0.258	0.293	0.322	0.213	0.240	0.249	0.270	0.288	0.314	0.346	-33.3%	-22.9%	-20.1%	-15.6%	-10.4%	-6.7%	-6.9%
\$450,000	0.132	0.176	0.189	0.219	0.249	0.285	0.314	0.204	0.230	0.240	0.260	0.280	0.306	0.338	-35.3%	-23.5%	-21.3%	-15.8%	-11.1%	-6.9%	-7.1%
\$475,000	0.124	0.168	0.180	0.210	0.240	0.276	0.306	0.195	0.222	0.231	0.252	0.271	0.298	0.331	-36.4%	-24.3%	-22.1%	-16.7%	-11.4%	-7.4%	-7.6%
\$500,000	0.116	0.159	0.172	0.201	0.232	0.268	0.298	0.186	0.214	0.222	0.243	0.263	0.291	0.323	-37.6%	-25.7%	-22.5%	-17.3%	-11.8%	-7.9%	-7.7%
\$600,000	0.089	0.131	0.143	0.172	0.202	0.238	0.270	0.157	0.182	0.192	0.213	0.233	0.263	0.296	-43.3%	-28.0%	-25.5%	-19.2%	-13.3%	-9.5%	-8.8%
\$700,000	0.071	0.109	0.119	0.148	0.176	0.213	0.245	0.132	0.157	0.166	0.188	0.208	0.235	0.271	-46.2%	-30.6%	-28.3%	-21.3%	-15.4%	-9.4%	-9.6%
\$800,000	0.056	0.092	0.101	0.127	0.155	0.191	0.222	0.112	0.137	0.145	0.165	0.185	0.213	0.248	-50.0%	-32.8%	-30.3%	-23.0%	-16.2%	-10.3%	-10.5%
\$900,000	0.044	0.079	0.085	0.110	0.136	0.172	0.203	0.096	0.119	0.126	0.147	0.164	0.193	0.227	-54.2%	-33.6%	-32.5%	-25.2%	-17.1%	-10.9%	-10.6%
\$1,000,000	0.0371	0.0688	0.0741	0.0967	0.1215	0.1550	0.1858	0.0826	0.1041	0.1113	0.1298	0.1478	0.1746	0.2097	-55.1%	-33.9%	-33.4%	-25.5%	-17.8%	-11.2%	-11.4%
\$2,000,000	0.0213	0.0378	0.0411	0.0541	0.0686	0.0919	0.1145	0.0429	0.0542	0.0584	0.0702	0.0817	0.1020	0.1282	-50.3%	-30.3%	-29.6%	-22.9%	-16.0%	-9.9%	-10.7%
\$3,000,000	0.0158	0.0269	0.0292	0.0384	0.0486	0.0662	0.0842	0.0298	0.0370	0.0401	0.0481	0.0562	0.0718	0.0926	-47.0%	-27.3%	-27.2%	-20.2%	-13.5%	-7.8%	-9.1%
\$4,000,000	0.0122	0.0213	0.0231	0.0301	0.0380	0.0521	0.0666	0.0231	0.0282	0.0305	0.0367	0.0430	0.0551	0.0721	-47.2%	-24.5%	-24.3%	-18.0%	-11.6%	-5.4%	-7.6%
\$5,000,000	0.0095	0.0180	0.0194	0.0249	0.0314	0.0430	0.0552	0.0189	0.0233	0.0251	0.0299	0.0350	0.0447	0.0588	-49.7%	-22.7%	-22.7%	-16.7%	-10.3%	-3.8%	-6.1%
\$6,000,000	0.0078	0.0157	0.0168	0.0215	0.0269	0.0367	0.0471	0.0162	0.0198	0.0214	0.0255	0.0294	0.0377	0.0496	-51.9%	-20.7%	-21.5%	-15.7%	-8.5%	-2.7%	-5.0%
\$7,000,000	0.0066	0.0136	0.0149	0.0191	0.0237	0.0320	0.0414	0.0142	0.0175	0.0186	0.0221	0.0257	0.0326	0.0431	-53.5%	-22.3%	-19.9%	-13.6%	-7.8%	-1.8%	-3.9%
\$8,000,000	0.0057	0.0116	0.0131	0.0172	0.0212	0.0286	0.0366	0.0122	0.0155	0.0168	0.0198	0.0229	0.0289	0.0380	-53.3%	-25.2%	-22.0%	-13.1%	-7.4%	-1.0%	-3.7%
\$9,000,000	0.0050	0.0101	0.0114	0.0156	0.0191	0.0257	0.0330	0.0102	0.0137	0.0152	0.0177	0.0206	0.0258	0.0339	-51.0%	-26.3%	-25.0%	-11.9%	-7.3%	-0.4%	-2.7%
\$10,000,000	0.0044	0.0089	0.0099	0.0141	0.0178	0.0234	0.0301	0.0089	0.0120	0.0135	0.0162	0.0187	0.0235	0.0308	-50.6%	-25.8%	-26.7%	-13.0%	-4.8%	-0.4%	-2.3%

* Adjusted