

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	HG A	TCR	0.6640	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)	HG B	HG C	(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	0.889	0.906	0.906	0.919	0.929	0.943	0.960	0.590	0.602	0.602	0.610	0.617	0.626	0.637	0.595	0.607	0.607	0.615	0.622	0.631	0.642
\$15,000	0.862	0.884	0.883	0.899	0.909	0.928	0.947	0.572	0.587	0.586	0.597	0.604	0.616	0.629	0.577	0.592	0.591	0.602	0.609	0.621	0.634
\$20,000	0.839	0.862	0.864	0.880	0.892	0.913	0.935	0.557	0.572	0.574	0.584	0.592	0.606	0.621	0.562	0.577	0.579	0.589	0.597	0.611	0.626
\$25,000	0.819	0.845	0.846	0.864	0.878	0.899	0.924	0.544	0.561	0.562	0.574	0.583	0.597	0.614	0.549	0.566	0.567	0.579	0.588	0.602	0.619
\$30,000	0.801	0.828	0.830	0.848	0.863	0.888	0.915	0.532	0.550	0.551	0.563	0.573	0.590	0.608	0.537	0.555	0.556	0.568	0.578	0.595	0.613
\$35,000	0.784	0.813	0.816	0.836	0.853	0.877	0.906	0.521	0.540	0.542	0.555	0.566	0.582	0.602	0.526	0.545	0.547	0.560	0.571	0.587	0.607
\$40,000	0.768	0.799	0.802	0.823	0.840	0.866	0.898	0.510	0.531	0.533	0.546	0.558	0.575	0.596	0.515	0.536	0.538	0.551	0.563	0.580	0.601
\$50,000	0.742	0.775	0.778	0.801	0.819	0.848	0.882	0.493	0.515	0.517	0.532	0.544	0.563	0.586	0.498	0.520	0.522	0.537	0.549	0.568	0.591
\$75,000	0.689	0.725	0.730	0.755	0.776	0.807	0.844	0.457	0.481	0.485	0.501	0.515	0.536	0.560	0.462	0.486	0.490	0.506	0.520	0.541	0.565
\$100,000	0.647	0.685	0.692	0.718	0.740	0.774	0.815	0.430	0.455	0.459	0.477	0.491	0.514	0.541	0.435	0.460	0.464	0.482	0.496	0.519	0.546
\$125,000	0.613	0.653	0.658	0.685	0.710	0.745	0.788	0.407	0.434	0.437	0.455	0.471	0.495	0.523	0.412	0.439	0.442	0.460	0.476	0.500	0.528
\$150,000	0.584	0.622	0.629	0.659	0.683	0.721	0.765	0.388	0.413	0.418	0.438	0.454	0.479	0.508	0.393	0.418	0.423	0.443	0.459	0.484	0.513
\$175,000	0.557	0.597	0.605	0.634	0.660	0.696	0.743	0.370	0.396	0.402	0.421	0.438	0.462	0.493	0.375	0.401	0.407	0.426	0.443	0.467	0.498
\$200,000	0.532	0.574	0.583	0.613	0.637	0.674	0.723	0.353	0.381	0.387	0.407	0.423	0.448	0.480	0.358	0.386	0.392	0.412	0.428	0.453	0.485
\$225,000	0.510	0.552	0.563	0.592	0.617	0.656	0.704	0.339	0.367	0.374	0.393	0.410	0.436	0.467	0.344	0.372	0.379	0.398	0.415	0.441	0.472
\$250,000	0.489	0.531	0.542	0.572	0.599	0.638	0.687	0.325	0.353	0.360	0.380	0.398	0.424	0.456	0.330	0.358	0.365	0.385	0.403	0.429	0.461
\$275,000	0.468	0.511	0.522	0.554	0.581	0.621	0.671	0.311	0.339	0.347	0.368	0.386	0.412	0.446	0.316	0.344	0.352	0.373	0.391	0.417	0.451
\$300,000	0.446	0.493	0.504	0.536	0.564	0.605	0.657	0.296	0.327	0.335	0.356	0.374	0.402	0.436	0.301	0.332	0.340	0.361	0.379	0.407	0.441
\$325,000	0.427	0.473	0.486	0.519	0.547	0.590	0.641	0.284	0.314	0.323	0.345	0.363	0.392	0.426	0.289	0.319	0.328	0.350	0.368	0.397	0.431
\$350,000	0.408	0.455	0.469	0.502	0.531	0.573	0.627	0.271	0.302	0.311	0.333	0.353	0.380	0.416	0.276	0.307	0.316	0.338	0.358	0.385	0.421
\$375,000	0.391	0.437	0.451	0.487	0.517	0.560	0.612	0.260	0.290	0.299	0.323	0.343	0.372	0.406	0.265	0.295	0.304	0.328	0.348	0.377	0.411
\$400,000	0.372	0.420	0.435	0.470	0.502	0.545	0.599	0.247	0.279	0.289	0.312	0.333	0.362	0.398	0.252	0.284	0.294	0.317	0.338	0.367	0.403
\$425,000	0.356	0.404	0.418	0.455	0.486	0.532	0.584	0.236	0.268	0.278	0.302	0.323	0.353	0.388	0.241	0.273	0.283	0.307	0.328	0.358	0.393
\$450,000	0.341	0.387	0.403	0.438	0.472	0.516	0.573	0.226	0.257	0.268	0.291	0.313	0.343	0.380	0.231	0.262	0.273	0.296	0.318	0.348	0.385
\$475,000	0.325	0.372	0.389	0.425	0.457	0.503	0.559	0.216	0.247	0.258	0.282	0.303	0.334	0.371	0.221	0.252	0.263	0.287	0.308	0.339	0.376
\$500,000	0.311	0.359	0.373	0.410	0.443	0.489	0.547	0.207	0.238	0.248	0.272	0.294	0.325	0.363	0.212	0.243	0.253	0.277	0.299	0.330	0.368
\$600,000	0.260	0.305	0.323	0.359	0.393	0.440	0.498	0.173	0.203	0.214	0.238	0.261	0.292	0.331	0.178	0.208	0.219	0.243	0.266	0.297	0.336
\$700,000	0.219	0.262	0.277	0.315	0.348	0.395	0.456	0.145	0.174	0.184	0.209	0.231	0.262	0.303	0.150	0.179	0.189	0.214	0.236	0.267	0.308
\$800,000	0.185	0.226	0.240	0.276	0.310	0.357	0.418	0.123	0.150	0.159	0.183	0.206	0.237	0.278	0.128	0.155	0.164	0.188	0.211	0.242	0.283
\$900,000	0.156	0.196	0.210	0.243	0.276	0.323	0.383	0.104	0.130	0.139	0.161	0.183	0.214	0.254	0.109	0.135	0.144	0.166	0.188	0.219	0.259
\$1,000,000	0.1338	0.1711	0.1835	0.2149	0.2458	0.2921	0.3520	0.0888	0.1136	0.1218	0.1427	0.1632	0.1940	0.2337	0.0938	0.1186	0.1268	0.1477	0.1682	0.1990	0.2387
\$2,000,000	0.0653	0.0849	0.0923	0.1122	0.1320	0.1671	0.2119	0.0434	0.0564	0.0613	0.0745	0.0876	0.1110	0.1407	0.0484	0.0614	0.0663	0.0795	0.0926	0.1160	0.1457
\$3,000,000	0.0427	0.0553	0.0606	0.0741	0.0880	0.1151	0.1507	0.0284	0.0367	0.0402	0.0492	0.0584	0.0764	0.1001	0.0334	0.0417	0.0452	0.0542	0.0634	0.0814	0.1051
\$4,000,000	0.0312	0.0400	0.0440	0.0546	0.0654	0.0862	0.1155	0.0207	0.0266	0.0292	0.0363	0.0434	0.0572	0.0767	0.0257	0.0316	0.0342	0.0413	0.0484	0.0622	0.0817
\$5,000,000	0.0240	0.0317	0.0347	0.0430	0.0516	0.0684	0.0926	0.0159	0.0210	0.0230	0.0286	0.0343	0.0454	0.0615	0.0209	0.0260	0.0280	0.0336	0.0393	0.0504	0.0665
\$6,000,000	0.0194	0.0255	0.0284	0.0352	0.0420	0.0564	0.0767	0.0129	0.0169	0.0189	0.0234	0.0279	0.0374	0.0509	0.0179	0.0219	0.0239	0.0284	0.0329	0.0424	0.0559
\$7,000,000	0.0165	0.0216	0.0235	0.0294	0.0356	0.0476	0.0655	0.0110	0.0143	0.0156	0.0195	0.0236	0.0316	0.0435	0.0160	0.0193	0.0206	0.0245	0.0286	0.0366	0.0485
\$8,000,000	0.0140	0.0181	0.0204	0.0254	0.0307	0.0412	0.0567	0.0093	0.0120	0.0135	0.0169	0.0204	0.0274	0.0376	0.0140	0.0170	0.0185	0.0219	0.0254	0.0324	0.0426
\$9,000,000	0.0118	0.0157	0.0176	0.0219	0.0268	0.0359	0.0496	0.0078	0.0104	0.0117	0.0145	0.0178	0.0238	0.0329	0.0117	0.0154	0.0167	0.0195	0.0228	0.0288	0.0379
\$10,000,000	0.0102	0.0139	0.0154	0.0193	0.0236	0.0318	0.0444	0.0068	0.0092	0.0102	0.0128	0.0157	0.0211	0.0295	0.0102	0.0138	0.0152	0.0178	0.0207	0.0261	0.0345

* 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: 12/1/13
Excess Loss Premium Factors with Adjustment for ALAE

Per Accident Limit	2013 Excess Loss Factors*							2012 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	0.595	0.607	0.607	0.615	0.622	0.631	0.642	0.572	0.585	0.590	0.594	0.603	0.616	0.622	4.0%	3.8%	2.9%	3.5%	3.2%	2.4%	3.2%
\$15,000	0.577	0.592	0.591	0.602	0.609	0.621	0.634	0.553	0.568	0.575	0.578	0.589	0.605	0.613	4.3%	4.2%	2.8%	4.2%	3.4%	2.6%	3.4%
\$20,000	0.562	0.577	0.579	0.589	0.597	0.611	0.626	0.536	0.554	0.561	0.566	0.578	0.596	0.606	4.9%	4.2%	3.2%	4.1%	3.3%	2.5%	3.3%
\$25,000	0.549	0.566	0.567	0.579	0.588	0.602	0.619	0.523	0.542	0.550	0.554	0.568	0.587	0.598	5.0%	4.4%	3.1%	4.5%	3.5%	2.6%	3.5%
\$30,000	0.537	0.555	0.556	0.569	0.579	0.595	0.613	0.511	0.530	0.539	0.545	0.559	0.580	0.591	5.1%	4.7%	3.2%	4.4%	3.6%	2.5%	3.7%
\$35,000	0.526	0.545	0.547	0.560	0.571	0.587	0.607	0.499	0.520	0.530	0.535	0.550	0.572	0.584	5.4%	4.8%	3.2%	4.7%	3.8%	2.6%	3.9%
\$40,000	0.515	0.536	0.538	0.551	0.563	0.580	0.601	0.489	0.510	0.520	0.527	0.542	0.565	0.578	5.3%	5.1%	3.5%	4.6%	3.9%	2.7%	4.0%
\$50,000	0.498	0.520	0.522	0.537	0.549	0.568	0.591	0.472	0.494	0.506	0.510	0.527	0.552	0.567	5.5%	5.3%	3.2%	5.3%	4.2%	2.9%	4.1%
\$75,000	0.462	0.486	0.490	0.506	0.520	0.541	0.565	0.435	0.461	0.472	0.479	0.498	0.525	0.542	6.2%	5.4%	3.8%	5.6%	4.4%	3.0%	4.2%
\$100,000	0.435	0.460	0.464	0.482	0.496	0.519	0.546	0.409	0.434	0.447	0.454	0.474	0.503	0.520	6.4%	6.0%	3.8%	6.2%	4.6%	3.2%	5.0%
\$125,000	0.412	0.439	0.442	0.460	0.476	0.500	0.528	0.386	0.413	0.426	0.433	0.452	0.484	0.502	6.7%	6.3%	3.8%	6.2%	5.3%	3.3%	5.2%
\$150,000	0.393	0.418	0.423	0.443	0.459	0.484	0.513	0.367	0.393	0.408	0.415	0.435	0.466	0.485	7.1%	6.4%	3.7%	6.7%	5.5%	3.8%	5.8%
\$175,000	0.375	0.401	0.407	0.426	0.443	0.467	0.498	0.349	0.376	0.391	0.398	0.419	0.450	0.470	7.4%	6.6%	4.1%	7.0%	5.7%	3.8%	6.0%
\$200,000	0.358	0.386	0.392	0.412	0.428	0.453	0.485	0.333	0.361	0.376	0.384	0.404	0.437	0.456	7.5%	6.9%	4.3%	7.3%	5.9%	3.7%	6.4%
\$225,000	0.344	0.372	0.379	0.398	0.415	0.441	0.472	0.318	0.346	0.362	0.369	0.391	0.424	0.444	8.2%	7.5%	4.6%	7.9%	6.1%	4.0%	6.3%
\$250,000	0.330	0.358	0.365	0.385	0.403	0.429	0.461	0.303	0.333	0.348	0.357	0.379	0.413	0.433	8.9%	7.5%	4.9%	7.8%	6.3%	3.9%	6.5%
\$275,000	0.316	0.344	0.352	0.373	0.391	0.418	0.451	0.290	0.320	0.336	0.345	0.367	0.402	0.422	9.0%	7.5%	4.8%	8.1%	6.5%	4.0%	6.9%
\$300,000	0.302	0.332	0.340	0.361	0.379	0.407	0.441	0.276	0.307	0.323	0.334	0.356	0.391	0.412	9.5%	8.0%	5.3%	8.1%	6.5%	4.1%	7.0%
\$325,000	0.289	0.319	0.328	0.350	0.368	0.396	0.431	0.264	0.294	0.311	0.322	0.345	0.380	0.401	9.5%	8.5%	5.5%	8.5%	6.7%	4.2%	7.5%
\$350,000	0.276	0.307	0.316	0.338	0.358	0.385	0.421	0.252	0.283	0.299	0.311	0.334	0.369	0.392	9.5%	8.5%	5.7%	8.7%	7.2%	4.3%	7.4%
\$375,000	0.264	0.295	0.304	0.328	0.348	0.376	0.411	0.241	0.272	0.289	0.299	0.324	0.360	0.382	9.5%	8.5%	5.2%	9.5%	7.4%	4.3%	7.6%
\$400,000	0.252	0.284	0.294	0.317	0.338	0.366	0.402	0.230	0.261	0.278	0.289	0.313	0.350	0.373	9.6%	8.8%	5.6%	9.7%	8.0%	4.6%	7.8%
\$425,000	0.241	0.273	0.283	0.307	0.328	0.357	0.393	0.219	0.250	0.268	0.279	0.303	0.341	0.364	10.0%	9.2%	5.6%	9.9%	8.3%	4.7%	8.0%
\$450,000	0.231	0.262	0.273	0.296	0.318	0.348	0.385	0.209	0.240	0.258	0.270	0.294	0.331	0.355	10.5%	9.2%	5.8%	9.6%	8.2%	5.1%	8.3%
\$475,000	0.221	0.252	0.263	0.287	0.308	0.339	0.376	0.199	0.230	0.249	0.260	0.285	0.323	0.347	11.1%	9.6%	5.6%	10.2%	8.1%	5.0%	8.4%
\$500,000	0.212	0.243	0.253	0.277	0.299	0.330	0.368	0.190	0.222	0.239	0.251	0.276	0.314	0.338	11.6%	9.5%	5.9%	10.4%	8.3%	5.1%	8.9%
\$600,000	0.178	0.208	0.219	0.243	0.266	0.297	0.336	0.159	0.189	0.208	0.218	0.244	0.282	0.307	11.9%	10.1%	5.3%	11.5%	9.0%	5.3%	9.4%
\$700,000	0.150	0.179	0.189	0.214	0.236	0.267	0.308	0.133	0.164	0.180	0.191	0.216	0.254	0.279	12.8%	9.1%	5.0%	12.0%	9.3%	5.1%	10.4%
\$800,000	0.128	0.155	0.164	0.188	0.211	0.242	0.283	0.114	0.141	0.157	0.167	0.190	0.230	0.255	12.3%	9.9%	4.5%	12.6%	11.1%	5.2%	11.0%
\$900,000	0.109	0.135	0.144	0.166	0.188	0.219	0.259	0.097	0.122	0.139	0.147	0.171	0.208	0.232	12.4%	10.7%	3.6%	12.9%	9.9%	5.3%	11.6%
\$1,000,000	0.0938	0.1186	0.1268	0.1477	0.1682	0.1990	0.2387	0.0829	0.1080	0.1227	0.1308	0.1525	0.1897	0.2140	13.1%	9.8%	3.3%	12.9%	10.3%	4.9%	11.5%
\$2,000,000	0.0484	0.0614	0.0663	0.0795	0.0926	0.1160	0.1457	0.0427	0.0559	0.0641	0.0706	0.0843	0.1116	0.1319	13.3%	9.8%	3.4%	12.6%	9.8%	3.9%	10.5%
\$3,000,000	0.0334	0.0417	0.0452	0.0542	0.0634	0.0814	0.1051	0.0294	0.0381	0.0440	0.0489	0.0590	0.0800	0.0978	13.6%	9.4%	2.7%	10.8%	7.5%	1.8%	7.5%
\$4,000,000	0.0257	0.0316	0.0342	0.0413	0.0484	0.0622	0.0817	0.0227	0.0291	0.0335	0.0377	0.0457	0.0625	0.0777	13.2%	8.6%	2.1%	9.5%	5.9%	-0.5%	5.1%
\$5,000,000	0.0209	0.0260	0.0280	0.0336	0.0393	0.0504	0.0665	0.0189	0.0240	0.0273	0.0308	0.0373	0.0512	0.0643	10.6%	8.3%	2.6%	9.1%	5.4%	-1.6%	3.4%
\$6,000,000	0.0179	0.0219	0.0239	0.0284	0.0329	0.0424	0.0559	0.0163	0.0205	0.0231	0.0260	0.0317	0.0434	0.0550	9.8%	6.8%	3.5%	9.2%	3.8%	-2.3%	1.6%
\$7,000,000	0.0158	0.0193	0.0206	0.0245	0.0286	0.0366	0.0485	0.0140	0.0177	0.0204	0.0227	0.0274	0.0377	0.0478	12.9%	9.0%	1.0%	7.9%	4.4%	-2.9%	1.5%
\$8,000,000	0.0137	0.0170	0.0185	0.0219	0.0254	0.0324	0.0426	0.0119	0.0160	0.0182	0.0202	0.0244	0.0335	0.0426	15.1%	6.3%	1.6%	8.4%	4.1%	-3.3%	0.0%
\$9,000,000	0.0117	0.0154	0.0167	0.0195	0.0228	0.0288	0.0379	0.0104	0.0144	0.0164	0.0182	0.0220	0.0299	0.0383	12.5%	6.9%	1.8%	7.1%	3.6%	-3.7%	-1.0%
\$10,000,000	0.0102	0.0138	0.0152	0.0178	0.0207	0.0261	0.0345	0.0093	0.0128	0.0151	0.0167	0.0202	0.0271	0.0347	9.7%	7.8%	0.7%	6.6%	2.5%	-3.7%	-0.6%

* Adjusted