

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	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)	HG B	HG C	HG D	HG E	HG F	HG G	(15)	(16)	(17)	(18)	(19)	(20)	(21)				
	Pg2	Pg3	Pg4	Pg5	Pg6	Pg7	Pg8	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	Columns (8)-(14) + 0.005 (Max Adj = 1/2 ELF)		
\$10,000	0.890	0.906	0.906	0.919	0.928	0.943	0.960	0.521	0.530	0.530	0.538	0.543	0.552	0.562	0.526	0.535	0.535	0.543	0.548	0.557	0.567			
\$15,000	0.862	0.882	0.882	0.898	0.909	0.927	0.947	0.505	0.516	0.516	0.526	0.532	0.543	0.554	0.510	0.521	0.521	0.531	0.537	0.548	0.559			
\$20,000	0.840	0.860	0.862	0.879	0.892	0.913	0.934	0.492	0.503	0.505	0.515	0.522	0.534	0.547	0.497	0.508	0.510	0.520	0.527	0.539	0.552			
\$25,000	0.820	0.844	0.844	0.863	0.877	0.898	0.924	0.480	0.494	0.494	0.505	0.513	0.526	0.541	0.485	0.499	0.499	0.510	0.518	0.531	0.546			
\$30,000	0.800	0.827	0.829	0.848	0.863	0.887	0.915	0.468	0.484	0.485	0.496	0.505	0.519	0.536	0.473	0.489	0.490	0.501	0.510	0.524	0.541			
\$35,000	0.784	0.812	0.815	0.835	0.851	0.876	0.906	0.459	0.475	0.477	0.489	0.498	0.513	0.530	0.464	0.480	0.482	0.494	0.503	0.518	0.535			
\$40,000	0.767	0.798	0.800	0.823	0.839	0.865	0.898	0.449	0.467	0.468	0.482	0.491	0.506	0.526	0.454	0.472	0.473	0.487	0.496	0.511	0.531			
\$50,000	0.742	0.773	0.776	0.800	0.818	0.847	0.882	0.434	0.453	0.454	0.468	0.479	0.496	0.516	0.439	0.458	0.459	0.473	0.484	0.501	0.521			
\$75,000	0.689	0.724	0.728	0.752	0.774	0.806	0.844	0.403	0.424	0.426	0.440	0.453	0.472	0.494	0.408	0.429	0.431	0.445	0.458	0.477	0.499			
\$100,000	0.647	0.683	0.689	0.717	0.740	0.773	0.814	0.379	0.400	0.403	0.420	0.433	0.453	0.477	0.384	0.405	0.408	0.425	0.438	0.458	0.482			
\$125,000	0.612	0.650	0.657	0.684	0.708	0.744	0.787	0.358	0.381	0.385	0.400	0.414	0.436	0.461	0.363	0.386	0.390	0.405	0.419	0.441	0.466			
\$150,000	0.583	0.621	0.628	0.658	0.681	0.718	0.764	0.341	0.364	0.368	0.385	0.399	0.420	0.447	0.346	0.369	0.373	0.390	0.404	0.425	0.452			
\$175,000	0.556	0.595	0.604	0.632	0.659	0.695	0.742	0.325	0.348	0.354	0.370	0.386	0.407	0.434	0.330	0.353	0.359	0.375	0.391	0.412	0.439			
\$200,000	0.532	0.573	0.581	0.610	0.636	0.673	0.721	0.311	0.335	0.340	0.357	0.372	0.394	0.422	0.316	0.340	0.345	0.362	0.377	0.399	0.427			
\$225,000	0.510	0.550	0.561	0.590	0.616	0.655	0.703	0.299	0.322	0.328	0.345	0.361	0.383	0.412	0.304	0.327	0.333	0.350	0.366	0.388	0.417			
\$250,000	0.488	0.529	0.539	0.570	0.596	0.636	0.686	0.286	0.310	0.316	0.334	0.349	0.372	0.402	0.291	0.315	0.321	0.339	0.354	0.377	0.407			
\$275,000	0.467	0.510	0.520	0.553	0.580	0.620	0.669	0.273	0.299	0.304	0.324	0.340	0.363	0.392	0.278	0.304	0.309	0.329	0.345	0.368	0.397			
\$300,000	0.445	0.492	0.502	0.534	0.562	0.603	0.655	0.261	0.288	0.294	0.313	0.329	0.353	0.383	0.266	0.293	0.299	0.318	0.334	0.358	0.388			
\$325,000	0.425	0.470	0.483	0.517	0.546	0.589	0.639	0.249	0.275	0.283	0.303	0.320	0.345	0.374	0.254	0.280	0.288	0.308	0.325	0.350	0.379			
\$350,000	0.407	0.451	0.466	0.500	0.529	0.572	0.625	0.238	0.264	0.273	0.293	0.310	0.335	0.366	0.243	0.269	0.278	0.298	0.315	0.340	0.371			
\$375,000	0.389	0.434	0.448	0.485	0.514	0.558	0.611	0.228	0.254	0.262	0.284	0.301	0.327	0.358	0.233	0.259	0.267	0.289	0.306	0.332	0.363			
\$400,000	0.371	0.418	0.433	0.468	0.498	0.543	0.596	0.217	0.245	0.253	0.274	0.292	0.318	0.349	0.222	0.250	0.258	0.279	0.297	0.323	0.354			
\$425,000	0.355	0.402	0.416	0.452	0.484	0.528	0.583	0.208	0.235	0.244	0.265	0.283	0.309	0.341	0.213	0.240	0.249	0.270	0.288	0.314	0.346			
\$450,000	0.340	0.385	0.400	0.436	0.471	0.514	0.571	0.199	0.225	0.234	0.255	0.276	0.301	0.334	0.204	0.230	0.239	0.260	0.281	0.306	0.339			
\$475,000	0.323	0.370	0.387	0.422	0.455	0.501	0.557	0.189	0.217	0.227	0.247	0.266	0.293	0.326	0.194	0.222	0.232	0.252	0.271	0.298	0.331			
\$500,000	0.309	0.357	0.370	0.407	0.440	0.488	0.544	0.181	0.209	0.217	0.238	0.258	0.286	0.318	0.186	0.214	0.222	0.243	0.263	0.291	0.323			
\$600,000	0.259	0.303	0.320	0.356	0.390	0.438	0.497	0.152	0.177	0.187	0.208	0.228	0.256	0.291	0.157	0.182	0.192	0.213	0.233	0.261	0.296			
\$700,000	0.217	0.260	0.275	0.312	0.346	0.393	0.454	0.127	0.152	0.161	0.183	0.203	0.230	0.266	0.132	0.157	0.166	0.188	0.208	0.235	0.271			
\$800,000	0.183	0.225	0.239	0.273	0.307	0.355	0.415	0.107	0.132	0.140	0.160	0.180	0.208	0.243	0.112	0.137	0.145	0.165	0.185	0.213	0.248			
\$900,000	0.155	0.194	0.207	0.242	0.272	0.321	0.380	0.091	0.114	0.121	0.142	0.159	0.188	0.222	0.096	0.119	0.126	0.147	0.164	0.193	0.227			
* \$1,000,000	0.1326	0.1693	0.1816	0.2132	0.2440	0.2897	0.3496	0.0776	0.0991	0.1063	0.1248	0.1428	0.1696	0.2047	0.0826	0.1041	0.1113	0.1298	0.1478	0.1746	0.2097			
\$2,000,000	0.0647	0.0840	0.0913	0.1113	0.1310	0.1657	0.2105	0.0379	0.0492	0.0534	0.0652	0.0767	0.0970	0.1232	0.0429	0.0542	0.0584	0.0702	0.0817	0.1020	0.1282			
\$3,000,000	0.0423	0.0547	0.0599	0.0736	0.0874	0.1141	0.1496	0.0248	0.0320	0.0351	0.0431	0.0512	0.0668	0.0876	0.0298	0.0370	0.0401	0.0481	0.0562	0.0718	0.0926			
\$4,000,000	0.0309	0.0396	0.0436	0.0542	0.0649	0.0855	0.1147	0.0181	0.0232	0.0255	0.0317	0.0380	0.0501	0.0671	0.0231	0.0282	0.0305	0.0367	0.0430	0.0551	0.0721			
\$5,000,000	0.0237	0.0313	0.0343	0.0426	0.0512	0.0678	0.0919	0.0139	0.0183	0.0201	0.0249	0.0300	0.0397	0.0538	0.0189	0.0233	0.0251	0.0299	0.0350	0.0447	0.0588			
\$6,000,000	0.0192	0.0252	0.0281	0.0350	0.0417	0.0559	0.0762	0.0112	0.0148	0.0164	0.0205	0.0244	0.0327	0.0446	0.0162	0.0198	0.0214	0.0255	0.0294	0.0377	0.0496			
\$7,000,000	0.0163	0.0213	0.0232	0.0292	0.0354	0.0472	0.0650	0.0095	0.0125	0.0136	0.0171	0.0207	0.0276	0.0381	0.0143	0.0175	0.0186	0.0221	0.0257	0.0326	0.0431			
\$8,000,000	0.0139	0.0179	0.0202	0.0252	0.0305	0.0408	0.0563	0.0081	0.0105	0.0118	0.0148	0.0179	0.0239	0.0330	0.0122	0.0155	0.0168	0.0198	0.0229	0.0289	0.0380			
\$9,000,000	0.0117	0.0156	0.0174	0.0217	0.0266	0.0356	0.0493	0.0068	0.0091	0.0102	0.0127	0.0156	0.0208	0.0289	0.0102	0.0137	0.0152	0.0177	0.0206	0.0258	0.0339			
\$10,000,000	0.0101	0.0137	0.0153	0.0192	0.0234	0.0316	0.0440	0.0059	0.0080	0.0090	0.0112	0.0137	0.0185	0.0258	0.0089	0.0120	0.0135	0.0162	0.0187	0.0235	0.0308			

* 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

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	0.526	0.535	0.535	0.543	0.548	0.557	0.567	0.506	0.518	0.522	0.526	0.534	0.545	0.551	4.0%	3.3%	2.5%	3.2%	2.6%	2.2%	2.9%
\$15,000	0.510	0.521	0.521	0.531	0.537	0.548	0.559	0.489	0.503	0.509	0.512	0.522	0.536	0.543	4.3%	3.6%	2.4%	3.7%	2.9%	2.2%	2.9%
\$20,000	0.497	0.508	0.510	0.520	0.527	0.539	0.552	0.475	0.491	0.497	0.501	0.512	0.528	0.536	4.6%	3.5%	2.6%	3.8%	2.9%	2.1%	3.0%
\$25,000	0.485	0.499	0.499	0.510	0.518	0.531	0.546	0.463	0.480	0.487	0.491	0.503	0.520	0.529	4.8%	4.0%	2.5%	3.9%	3.0%	2.1%	3.2%
\$30,000	0.473	0.489	0.490	0.501	0.510	0.524	0.541	0.453	0.469	0.477	0.482	0.495	0.513	0.522	4.4%	4.3%	2.7%	3.9%	3.0%	2.1%	3.6%
\$35,000	0.464	0.480	0.482	0.494	0.503	0.518	0.536	0.442	0.461	0.469	0.475	0.487	0.506	0.517	5.0%	4.1%	2.8%	4.0%	3.3%	2.4%	3.7%
\$40,000	0.454	0.472	0.473	0.487	0.496	0.511	0.531	0.433	0.452	0.461	0.467	0.480	0.500	0.511	4.8%	4.4%	2.6%	4.3%	3.3%	2.2%	3.9%
\$50,000	0.439	0.458	0.459	0.473	0.484	0.501	0.521	0.418	0.438	0.448	0.452	0.467	0.489	0.502	5.0%	4.6%	2.5%	4.6%	3.6%	2.5%	3.8%
\$75,000	0.408	0.429	0.431	0.445	0.458	0.477	0.499	0.386	0.408	0.418	0.424	0.441	0.465	0.479	5.7%	5.1%	3.1%	5.0%	3.9%	2.6%	4.2%
\$100,000	0.384	0.405	0.408	0.425	0.438	0.458	0.482	0.362	0.384	0.396	0.402	0.419	0.445	0.461	6.1%	5.5%	3.0%	5.7%	4.5%	2.9%	4.6%
\$125,000	0.363	0.386	0.390	0.405	0.419	0.441	0.466	0.342	0.366	0.377	0.383	0.400	0.429	0.445	6.1%	5.5%	3.4%	5.7%	4.7%	2.8%	4.7%
\$150,000	0.346	0.369	0.373	0.390	0.404	0.425	0.452	0.325	0.348	0.361	0.367	0.385	0.412	0.430	6.5%	6.0%	3.3%	6.3%	4.9%	3.2%	5.1%
\$175,000	0.330	0.353	0.359	0.375	0.391	0.412	0.439	0.309	0.334	0.346	0.353	0.371	0.399	0.416	6.8%	5.7%	3.8%	6.2%	5.4%	3.3%	5.5%
\$200,000	0.317	0.340	0.345	0.362	0.377	0.399	0.427	0.295	0.321	0.333	0.340	0.358	0.387	0.404	7.5%	5.9%	3.6%	6.5%	5.3%	3.1%	5.7%
\$225,000	0.304	0.327	0.333	0.350	0.366	0.388	0.417	0.282	0.307	0.320	0.327	0.346	0.376	0.394	7.8%	6.5%	4.1%	7.0%	5.8%	3.2%	5.8%
\$250,000	0.291	0.315	0.321	0.339	0.354	0.377	0.407	0.269	0.295	0.309	0.316	0.336	0.366	0.384	8.2%	6.8%	3.9%	7.3%	5.4%	3.0%	6.0%
\$275,000	0.278	0.303	0.309	0.329	0.344	0.368	0.397	0.257	0.283	0.298	0.306	0.325	0.356	0.374	8.2%	7.1%	3.7%	7.5%	5.8%	3.4%	6.1%
\$300,000	0.266	0.292	0.299	0.318	0.334	0.358	0.388	0.245	0.272	0.287	0.296	0.315	0.346	0.365	8.6%	7.4%	4.2%	7.4%	6.0%	3.5%	6.3%
\$325,000	0.254	0.280	0.288	0.308	0.325	0.349	0.379	0.234	0.260	0.276	0.286	0.305	0.336	0.356	8.5%	7.7%	4.3%	7.7%	6.6%	3.9%	6.5%
\$350,000	0.243	0.269	0.278	0.298	0.315	0.340	0.371	0.223	0.250	0.265	0.276	0.296	0.327	0.347	9.0%	7.6%	4.9%	8.0%	6.4%	4.0%	6.9%
\$375,000	0.233	0.259	0.267	0.289	0.306	0.331	0.362	0.213	0.241	0.256	0.266	0.287	0.319	0.339	9.4%	7.5%	4.3%	8.6%	6.6%	3.8%	6.8%
\$400,000	0.222	0.249	0.258	0.279	0.297	0.323	0.354	0.204	0.231	0.247	0.257	0.278	0.310	0.330	8.8%	7.8%	4.5%	8.6%	6.8%	4.2%	7.3%
\$425,000	0.213	0.240	0.249	0.270	0.288	0.314	0.346	0.194	0.222	0.238	0.248	0.269	0.302	0.322	9.8%	8.1%	4.6%	8.9%	7.1%	4.0%	7.5%
\$450,000	0.204	0.230	0.240	0.260	0.280	0.306	0.338	0.186	0.213	0.229	0.239	0.260	0.293	0.314	9.7%	8.0%	4.8%	8.8%	7.7%	4.4%	7.6%
\$475,000	0.195	0.222	0.231	0.252	0.271	0.298	0.331	0.177	0.204	0.221	0.230	0.253	0.286	0.307	10.2%	8.8%	4.5%	9.6%	7.1%	4.2%	7.8%
\$500,000	0.186	0.214	0.222	0.243	0.263	0.291	0.323	0.169	0.197	0.212	0.222	0.245	0.278	0.299	10.1%	8.6%	4.7%	9.5%	7.3%	4.7%	8.0%
\$600,000	0.157	0.182	0.192	0.213	0.233	0.263	0.296	0.141	0.168	0.185	0.193	0.216	0.250	0.272	11.3%	8.3%	3.8%	10.4%	7.9%	5.2%	8.8%
\$700,000	0.132	0.157	0.166	0.188	0.208	0.235	0.271	0.118	0.145	0.160	0.169	0.192	0.225	0.247	11.9%	8.3%	3.8%	11.2%	8.3%	4.4%	9.7%
\$800,000	0.112	0.137	0.145	0.165	0.185	0.213	0.248	0.101	0.125	0.139	0.149	0.169	0.204	0.226	10.9%	9.6%	4.3%	10.7%	9.5%	4.4%	9.7%
\$900,000	0.096	0.119	0.126	0.147	0.164	0.193	0.227	0.086	0.109	0.123	0.131	0.152	0.185	0.206	11.6%	9.2%	2.4%	12.2%	7.9%	4.3%	10.2%
\$1,000,000	0.0826	0.1041	0.1113	0.1298	0.1478	0.1746	0.2097	0.0739	0.0961	0.1091	0.1162	0.1354	0.1683	0.1899	11.8%	8.3%	2.0%	11.7%	9.2%	3.7%	10.4%
\$2,000,000	0.0429	0.0542	0.0584	0.0702	0.0817	0.1020	0.1282	0.0384	0.0500	0.0573	0.0630	0.0752	0.0993	0.1172	11.7%	8.4%	1.9%	11.4%	8.6%	2.7%	9.4%
\$3,000,000	0.0298	0.0370	0.0401	0.0481	0.0562	0.0718	0.0926	0.0266	0.0342	0.0395	0.0438	0.0527	0.0713	0.0871	12.0%	8.2%	1.5%	9.8%	6.6%	0.7%	6.3%
\$4,000,000	0.0231	0.0282	0.0305	0.0367	0.0430	0.0551	0.0721	0.0206	0.0263	0.0302	0.0339	0.0410	0.0558	0.0693	12.1%	7.2%	1.0%	8.3%	4.9%	-1.3%	4.0%
\$5,000,000	0.0189	0.0233	0.0251	0.0299	0.0350	0.0447	0.0588	0.0172	0.0218	0.0247	0.0278	0.0336	0.0459	0.0575	9.9%	6.9%	1.6%	7.6%	4.2%	-2.6%	2.3%
\$6,000,000	0.0162	0.0198	0.0214	0.0255	0.0294	0.0377	0.0496	0.0148	0.0187	0.0210	0.0235	0.0286	0.0390	0.0492	9.5%	5.9%	1.9%	8.5%	2.8%	-3.3%	0.8%
\$7,000,000	0.0142	0.0175	0.0186	0.0221	0.0257	0.0326	0.0431	0.0123	0.0163	0.0186	0.0207	0.0248	0.0339	0.0429	15.4%	7.4%	0.0%	6.8%	3.6%	-3.8%	0.5%
\$8,000,000	0.0122	0.0155	0.0168	0.0198	0.0229	0.0289	0.0380	0.0105	0.0146	0.0167	0.0184	0.0221	0.0302	0.0383	16.2%	6.2%	0.6%	7.6%	3.6%	-4.3%	-0.8%
\$9,000,000	0.0102	0.0137	0.0152	0.0177	0.0206	0.0258	0.0339	0.0092	0.0128	0.0151	0.0167	0.0200	0.0270	0.0344	10.9%	7.0%	0.7%	6.0%	3.0%	-4.4%	-1.5%
\$10,000,000	0.0089	0.0120	0.0135	0.0162	0.0187	0.0235	0.0308	0.0083	0.0113	0.0134	0.0154	0.0184	0.0246	0.0313	7.2%	6.2%	0.7%	5.2%	1.6%	-4.5%	-1.6%

* Adjusted