

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	0.5723					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	0.876	0.896	0.904	0.910	0.924	0.944	0.954	0.501	0.513	0.517	0.521	0.529	0.540	0.546	0.506	0.518	0.522	0.526	0.534	0.545	0.551
\$15,000	0.846	0.870	0.881	0.886	0.903	0.927	0.940	0.484	0.498	0.504	0.507	0.517	0.531	0.538	0.489	0.503	0.509	0.512	0.522	0.536	0.543
\$20,000	0.821	0.849	0.859	0.867	0.886	0.913	0.928	0.470	0.486	0.492	0.496	0.507	0.523	0.531	0.475	0.491	0.497	0.501	0.512	0.528	0.536
\$25,000	0.801	0.830	0.842	0.849	0.870	0.900	0.917	0.458	0.475	0.482	0.486	0.498	0.515	0.525	0.463	0.480	0.487	0.491	0.503	0.520	0.530
\$30,000	0.782	0.811	0.825	0.834	0.856	0.888	0.904	0.448	0.464	0.472	0.477	0.490	0.508	0.517	0.453	0.469	0.477	0.482	0.495	0.513	0.522
\$35,000	0.764	0.796	0.812	0.819	0.842	0.876	0.895	0.437	0.456	0.465	0.469	0.482	0.501	0.512	0.442	0.461	0.470	0.474	0.487	0.506	0.517
\$40,000	0.748	0.781	0.796	0.807	0.830	0.865	0.885	0.428	0.447	0.456	0.462	0.475	0.495	0.506	0.433	0.452	0.461	0.467	0.480	0.500	0.511
\$50,000	0.721	0.756	0.774	0.781	0.807	0.845	0.868	0.413	0.433	0.443	0.447	0.462	0.484	0.497	0.418	0.438	0.448	0.452	0.467	0.489	0.502
\$75,000	0.665	0.704	0.722	0.733	0.761	0.803	0.829	0.381	0.403	0.413	0.419	0.436	0.460	0.474	0.386	0.408	0.418	0.424	0.441	0.465	0.479
\$100,000	0.624	0.663	0.683	0.694	0.724	0.769	0.796	0.357	0.379	0.391	0.397	0.414	0.440	0.456	0.362	0.384	0.396	0.402	0.419	0.445	0.461
\$125,000	0.588	0.630	0.650	0.661	0.691	0.740	0.768	0.337	0.361	0.372	0.378	0.395	0.424	0.440	0.342	0.366	0.377	0.383	0.400	0.429	0.445
\$150,000	0.559	0.600	0.622	0.633	0.664	0.712	0.742	0.320	0.343	0.356	0.362	0.380	0.407	0.425	0.325	0.348	0.361	0.367	0.385	0.412	0.430
\$175,000	0.531	0.574	0.596	0.608	0.639	0.688	0.719	0.304	0.329	0.341	0.348	0.366	0.394	0.411	0.309	0.334	0.346	0.353	0.371	0.399	0.416
\$200,000	0.507	0.552	0.574	0.585	0.616	0.667	0.697	0.290	0.316	0.329	0.335	0.353	0.382	0.399	0.295	0.321	0.334	0.340	0.358	0.387	0.404
\$225,000	0.484	0.527	0.551	0.563	0.596	0.648	0.679	0.277	0.302	0.315	0.322	0.341	0.371	0.389	0.282	0.307	0.320	0.327	0.346	0.376	0.394
\$250,000	0.461	0.507	0.530	0.544	0.578	0.631	0.662	0.264	0.290	0.303	0.311	0.331	0.361	0.379	0.269	0.295	0.308	0.316	0.336	0.366	0.384
\$275,000	0.441	0.486	0.512	0.526	0.559	0.613	0.645	0.252	0.278	0.293	0.301	0.320	0.351	0.369	0.257	0.283	0.298	0.306	0.325	0.356	0.374
\$300,000	0.419	0.467	0.492	0.508	0.542	0.595	0.629	0.240	0.267	0.282	0.291	0.310	0.341	0.360	0.245	0.272	0.287	0.296	0.315	0.346	0.365
\$325,000	0.400	0.446	0.474	0.490	0.525	0.579	0.612	0.229	0.255	0.271	0.280	0.300	0.331	0.350	0.234	0.260	0.276	0.285	0.305	0.336	0.355
\$350,000	0.381	0.429	0.455	0.473	0.509	0.563	0.598	0.218	0.246	0.260	0.271	0.291	0.322	0.342	0.223	0.251	0.265	0.276	0.296	0.327	0.347
\$375,000	0.364	0.412	0.439	0.455	0.493	0.548	0.583	0.208	0.236	0.251	0.260	0.282	0.314	0.334	0.213	0.241	0.256	0.265	0.287	0.319	0.339
\$400,000	0.347	0.395	0.422	0.440	0.476	0.533	0.568	0.199	0.226	0.242	0.252	0.272	0.305	0.325	0.204	0.231	0.247	0.257	0.277	0.310	0.330
\$425,000	0.330	0.379	0.407	0.424	0.461	0.519	0.556	0.189	0.217	0.233	0.243	0.264	0.297	0.318	0.194	0.222	0.238	0.248	0.269	0.302	0.323
\$450,000	0.316	0.363	0.391	0.409	0.446	0.504	0.540	0.181	0.208	0.224	0.234	0.255	0.288	0.309	0.186	0.213	0.229	0.239	0.260	0.293	0.314
\$475,000	0.300	0.348	0.377	0.394	0.433	0.491	0.528	0.172	0.199	0.216	0.225	0.248	0.281	0.302	0.177	0.204	0.221	0.230	0.253	0.286	0.307
\$500,000	0.286	0.335	0.362	0.380	0.419	0.477	0.514	0.164	0.192	0.207	0.217	0.240	0.273	0.294	0.169	0.197	0.212	0.222	0.245	0.278	0.299
\$600,000	0.238	0.285	0.314	0.329	0.369	0.428	0.467	0.136	0.163	0.180	0.188	0.211	0.245	0.267	0.141	0.168	0.185	0.193	0.216	0.250	0.272
\$700,000	0.198	0.245	0.271	0.287	0.326	0.385	0.423	0.113	0.140	0.155	0.164	0.187	0.220	0.242	0.118	0.145	0.160	0.169	0.192	0.225	0.247
\$800,000	0.168	0.210	0.235	0.251	0.286	0.347	0.387	0.096	0.120	0.134	0.144	0.164	0.199	0.221	0.101	0.125	0.139	0.149	0.169	0.204	0.226
\$900,000	0.142	0.181	0.207	0.220	0.256	0.314	0.351	0.081	0.104	0.118	0.126	0.147	0.180	0.201	0.086	0.109	0.123	0.131	0.152	0.185	0.206
\$1,000,000	0.1204	0.1592	0.1819	0.1943	0.2279	0.2854	0.3230	0.0689	0.0911	0.1041	0.1112	0.1304	0.1633	0.1849	0.0739	0.0961	0.1091	0.1162	0.1354	0.1683	0.1899
\$2,000,000	0.0583	0.0786	0.0913	0.1014	0.1226	0.1647	0.1961	0.0334	0.0450	0.0523	0.0580	0.0702	0.0943	0.1122	0.0384	0.0500	0.0573	0.0630	0.0752	0.0993	0.1172
\$3,000,000	0.0377	0.0511	0.0602	0.0678	0.0834	0.1159	0.1434	0.0216	0.0292	0.0345	0.0388	0.0477	0.0663	0.0821	0.0266	0.0342	0.0395	0.0438	0.0527	0.0713	0.0871
\$4,000,000	0.0273	0.0373	0.0440	0.0505	0.0629	0.0888	0.1124	0.0156	0.0213	0.0252	0.0289	0.0360	0.0508	0.0643	0.0206	0.0263	0.0302	0.0339	0.0410	0.0558	0.0693
\$5,000,000	0.0214	0.0293	0.0344	0.0398	0.0499	0.0714	0.0917	0.0122	0.0168	0.0197	0.0228	0.0286	0.0409	0.0525	0.0172	0.0218	0.0247	0.0278	0.0336	0.0459	0.0575
\$6,000,000	0.0175	0.0239	0.0280	0.0324	0.0412	0.0594	0.0772	0.0100	0.0137	0.0160	0.0185	0.0236	0.0340	0.0442	0.0150	0.0187	0.0210	0.0235	0.0286	0.0390	0.0492
\$7,000,000	0.0144	0.0197	0.0238	0.0274	0.0346	0.0505	0.0662	0.0082	0.0113	0.0136	0.0157	0.0198	0.0289	0.0379	0.0123	0.0163	0.0186	0.0207	0.0248	0.0339	0.0429
\$8,000,000	0.0122	0.0172	0.0204	0.0235	0.0299	0.0440	0.0581	0.0070	0.0098	0.0117	0.0134	0.0171	0.0252	0.0333	0.0105	0.0147	0.0167	0.0184	0.0221	0.0302	0.0383
\$9,000,000	0.0107	0.0148	0.0176	0.0204	0.0262	0.0385	0.0514	0.0061	0.0085	0.0101	0.0117	0.0150	0.0220	0.0294	0.0092	0.0128	0.0151	0.0167	0.0200	0.0270	0.0344
\$10,000,000	0.0096	0.0131	0.0156	0.0181	0.0235	0.0342	0.0459	0.0055	0.0075	0.0089	0.0104	0.0134	0.0196	0.0263	0.0083	0.0113	0.0134	0.0154	0.0184	0.0246	0.0313

* 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: 12/1/12
Excess Loss Premium Factors

Per Accident Limit	2012 Excess Loss Factors*							2011 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	0.506	0.518	0.522	0.526	0.534	0.545	0.551	0.519	0.531	0.536	0.541	0.553	0.562	0.567	-2.5%	-2.4%	-2.6%	-2.8%	-3.4%	-3.0%	-2.8%
\$15,000	0.489	0.503	0.509	0.512	0.522	0.536	0.543	0.502	0.515	0.521	0.527	0.539	0.550	0.556	-2.6%	-2.3%	-2.3%	-2.8%	-3.2%	-2.5%	-2.3%
\$20,000	0.475	0.491	0.497	0.501	0.512	0.528	0.536	0.488	0.502	0.508	0.515	0.527	0.540	0.545	-2.7%	-2.2%	-2.2%	-2.7%	-2.8%	-2.2%	-1.7%
\$25,000	0.463	0.480	0.487	0.491	0.503	0.520	0.529	0.475	0.490	0.497	0.504	0.517	0.530	0.537	-2.5%	-2.0%	-2.0%	-2.6%	-2.7%	-1.9%	-1.5%
\$30,000	0.453	0.469	0.477	0.482	0.495	0.513	0.522	0.464	0.479	0.487	0.493	0.507	0.522	0.528	-2.4%	-2.1%	-2.1%	-2.2%	-2.4%	-1.7%	-1.1%
\$35,000	0.442	0.461	0.469	0.475	0.487	0.506	0.517	0.454	0.469	0.477	0.485	0.498	0.513	0.521	-2.6%	-1.7%	-1.7%	-2.1%	-2.2%	-1.4%	-0.8%
\$40,000	0.433	0.452	0.461	0.467	0.480	0.500	0.511	0.444	0.461	0.468	0.476	0.489	0.505	0.513	-2.5%	-2.0%	-1.5%	-1.9%	-1.8%	-1.0%	-0.4%
\$50,000	0.418	0.438	0.448	0.452	0.467	0.489	0.502	0.429	0.445	0.452	0.461	0.475	0.492	0.499	-2.6%	-1.6%	-0.9%	-2.0%	-1.7%	-0.6%	0.6%
\$75,000	0.386	0.408	0.418	0.424	0.441	0.465	0.479	0.397	0.413	0.421	0.430	0.444	0.462	0.470	-2.8%	-1.2%	-0.7%	-1.4%	-0.7%	0.6%	1.9%
\$100,000	0.362	0.384	0.396	0.402	0.419	0.445	0.461	0.371	0.389	0.396	0.406	0.419	0.440	0.447	-2.4%	-1.3%	0.0%	-1.0%	0.0%	1.1%	3.1%
\$125,000	0.342	0.366	0.377	0.383	0.400	0.429	0.445	0.350	0.367	0.375	0.384	0.398	0.419	0.428	-2.3%	-0.3%	0.5%	-0.3%	0.5%	2.4%	4.0%
\$150,000	0.325	0.348	0.361	0.367	0.385	0.412	0.430	0.331	0.348	0.355	0.366	0.380	0.401	0.410	-1.8%	0.0%	1.7%	0.3%	1.3%	2.7%	4.9%
\$175,000	0.309	0.334	0.346	0.353	0.371	0.399	0.416	0.314	0.332	0.339	0.349	0.363	0.385	0.394	-1.6%	0.6%	2.1%	1.1%	2.2%	3.6%	5.6%
\$200,000	0.295	0.321	0.333	0.340	0.358	0.387	0.404	0.298	0.316	0.324	0.334	0.349	0.370	0.380	-1.0%	1.6%	2.8%	1.8%	2.6%	4.6%	6.3%
\$225,000	0.282	0.307	0.320	0.327	0.346	0.376	0.394	0.284	0.302	0.311	0.321	0.335	0.357	0.366	-0.7%	1.7%	2.9%	1.9%	3.3%	5.3%	7.7%
\$250,000	0.269	0.295	0.309	0.316	0.336	0.366	0.384	0.270	0.288	0.297	0.308	0.322	0.344	0.354	-0.4%	2.4%	4.0%	2.6%	4.3%	6.4%	8.5%
\$275,000	0.257	0.283	0.298	0.306	0.325	0.356	0.374	0.256	0.275	0.284	0.295	0.310	0.333	0.342	0.4%	2.9%	4.9%	3.7%	4.8%	6.9%	9.4%
\$300,000	0.245	0.272	0.287	0.296	0.315	0.346	0.365	0.244	0.263	0.272	0.283	0.298	0.321	0.331	0.4%	3.4%	5.5%	4.6%	5.7%	7.8%	10.3%
\$325,000	0.234	0.260	0.276	0.286	0.305	0.336	0.356	0.232	0.251	0.260	0.272	0.286	0.310	0.320	0.9%	3.6%	6.2%	5.1%	6.6%	8.4%	11.3%
\$350,000	0.223	0.250	0.265	0.276	0.296	0.327	0.347	0.220	0.239	0.249	0.260	0.275	0.299	0.310	1.4%	4.6%	6.4%	6.2%	7.6%	9.4%	11.9%
\$375,000	0.213	0.241	0.256	0.266	0.287	0.319	0.339	0.208	0.228	0.237	0.249	0.265	0.289	0.300	2.4%	5.7%	8.0%	6.8%	8.3%	10.4%	13.0%
\$400,000	0.204	0.231	0.247	0.257	0.278	0.310	0.330	0.197	0.217	0.226	0.239	0.254	0.279	0.290	3.6%	6.5%	9.3%	7.5%	9.4%	11.1%	13.8%
\$425,000	0.194	0.222	0.238	0.248	0.269	0.302	0.322	0.188	0.207	0.216	0.229	0.244	0.269	0.280	3.2%	7.2%	10.2%	8.3%	10.2%	12.3%	15.0%
\$450,000	0.186	0.213	0.229	0.239	0.260	0.293	0.314	0.178	0.198	0.207	0.219	0.234	0.260	0.271	4.5%	7.6%	10.6%	9.1%	11.1%	12.7%	15.9%
\$475,000	0.177	0.204	0.221	0.230	0.253	0.286	0.307	0.169	0.189	0.197	0.210	0.224	0.250	0.262	4.7%	7.9%	12.2%	9.5%	12.9%	14.4%	17.2%
\$500,000	0.169	0.197	0.212	0.222	0.245	0.278	0.299	0.161	0.180	0.189	0.200	0.216	0.242	0.253	5.0%	9.4%	12.2%	11.0%	13.4%	14.9%	18.2%
\$600,000	0.141	0.168	0.185	0.193	0.216	0.250	0.272	0.131	0.150	0.158	0.169	0.184	0.210	0.220	7.6%	12.0%	17.1%	14.2%	17.4%	19.0%	23.6%
\$700,000	0.118	0.145	0.160	0.169	0.192	0.225	0.247	0.108	0.126	0.133	0.145	0.158	0.182	0.194	9.3%	15.1%	20.3%	16.6%	21.5%	23.6%	27.3%
\$800,000	0.101	0.125	0.139	0.149	0.169	0.204	0.226	0.092	0.107	0.114	0.124	0.137	0.161	0.171	9.8%	16.8%	21.9%	20.2%	23.4%	26.7%	32.2%
\$900,000	0.086	0.109	0.123	0.131	0.152	0.185	0.206	0.078	0.093	0.098	0.107	0.119	0.142	0.152	10.3%	17.2%	25.5%	22.4%	27.7%	30.3%	35.5%
\$1,000,000	0.0739	0.0961	0.1091	0.1162	0.1354	0.1683	0.1899	0.0674	0.0808	0.0860	0.0940	0.1048	0.1275	0.1358	9.6%	18.9%	26.9%	23.6%	29.2%	32.0%	39.8%
\$2,000,000	0.0384	0.0500	0.0573	0.0630	0.0752	0.0993	0.1172	0.0359	0.0431	0.0464	0.0524	0.0595	0.0761	0.0849	7.0%	16.0%	23.5%	20.2%	26.4%	30.5%	38.0%
\$3,000,000	0.0266	0.0342	0.0395	0.0438	0.0527	0.0713	0.0871	0.0250	0.0299	0.0325	0.0371	0.0422	0.0550	0.0629	6.4%	14.4%	21.5%	18.1%	24.9%	29.6%	38.5%
\$4,000,000	0.0206	0.0263	0.0302	0.0339	0.0410	0.0558	0.0693	0.0196	0.0233	0.0253	0.0288	0.0331	0.0432	0.0501	5.1%	12.9%	19.4%	17.7%	23.9%	29.2%	38.3%
\$5,000,000	0.0172	0.0218	0.0247	0.0278	0.0336	0.0459	0.0575	0.0166	0.0193	0.0209	0.0238	0.0273	0.0359	0.0419	3.6%	13.0%	18.2%	16.8%	23.1%	27.9%	37.2%
\$6,000,000	0.0148	0.0187	0.0210	0.0235	0.0286	0.0390	0.0492	0.0140	0.0167	0.0181	0.0206	0.0234	0.0306	0.0359	5.7%	12.0%	16.0%	14.1%	22.2%	27.5%	37.0%
\$7,000,000	0.0123	0.0163	0.0186	0.0207	0.0248	0.0339	0.0429	0.0117	0.0146	0.0160	0.0180	0.0207	0.0268	0.0314	5.1%	11.6%	16.3%	15.0%	19.8%	26.5%	36.6%
\$8,000,000	0.0105	0.0146	0.0167	0.0184	0.0221	0.0302	0.0383	0.0098	0.0125	0.0142	0.0163	0.0185	0.0239	0.0281	7.1%	16.8%	17.6%	12.9%	19.5%	26.4%	36.3%
\$9,000,000	0.0092	0.0128	0.0151	0.0167	0.0200	0.0270	0.0344	0.0087	0.0111	0.0123	0.0147	0.0169	0.0216	0.0254	5.7%	15.3%	22.8%	13.6%	18.3%	25.0%	35.4%
\$10,000,000	0.0083	0.0113	0.0134	0.0154	0.0184	0.0246	0.0313	0.0077	0.0096	0.0108	0.0131	0.0154	0.0197	0.0232	7.8%	17.7%	24.1%	17.6%	19.5%	24.9%	34.9%

* Adjusted