

PENNSYLVANIA COMPENSATION RATING BUREAU

Review of Experience Rating Plan Parameters

Page 19.1 contains Collectible Premium Ratios.

Page 19.2 contains Expected Loss Cost Factors. They are applied to loss costs by classification to produce Table A values (Expected Loss Factors) which are the basis for the calculation of Expected Losses.

COLLECTIBLE PREMIUM RATIOS *

Manual Years 2016 to 2018 Unit Data

Manual Year	Premium at Manual Rates	Collected Premium (Excluding Constants)	Collectible Premium Ratio (2)/(3)
(1)	(2)	(3)	(4)
ALL INDUSTRIES			
2016	2,662,330,621	2,604,554,972	1.0222
2017	2,696,125,753	2,617,725,905	1.0299
2018	2,950,761,183	2,841,818,076	1.0383
TOTAL	8,309,217,557	8,064,098,953	1.0304
MANUFACTURING AND UTILITIES			
2016	530,157,851	512,820,438	1.0338
2017	525,664,064	508,825,513	1.0331
2018	569,547,239	550,830,179	1.0340
TOTAL	1,625,369,154	1,572,476,130	1.0336
CONTRACTING AND QUARRYING			
2016	517,894,278	460,868,168	1.1237
2017	545,851,412	481,586,607	1.1334
2018	620,190,610	541,166,112	1.1460
TOTAL	1,683,936,300	1,483,620,887	1.1350
OTHER INDUSTRIES			
2016	1,614,278,492	1,630,866,366	0.9898
2017	1,624,610,277	1,627,313,785	0.9983
2018	1,761,023,334	1,749,821,785	1.0064
TOTAL	4,999,912,103	5,008,001,936	0.9984

* Excludes classifications and coverages not subject to experience rating.

CALCULATION OF EXPECTED LOSS COST FACTORS (a)

Policy Year Beginning 4/1	HB 1846 Adjustment Factor	Protz & HB 1840 Adjustment Factor	Loss Ratio Development Factor	Collectible Premium Ratio	Trend Factor	Product (2) * (3) * (4) * (5) * (6)	Expected Loss Cost Factor 1.0 / (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<u>Manufacturing and Utilities</u>							
2018	1.0000	1.0003	1.0980	1.0336	0.8383	0.9516	1.0509
2019	1.0000	1.0000	1.1613	1.0336	0.8760	1.0515	0.9510
2020	1.0000	1.0000	1.3877	1.0336	0.9154	1.3130	0.7616
<u>Contracting and Quarrying</u>							
2018	1.0000	1.0003	1.1436	1.1350	0.8383	1.0884	0.9188
2019	1.0000	1.0000	1.1912	1.1350	0.8760	1.1844	0.8443
2020	1.0000	1.0000	1.4320	1.1350	0.9154	1.4878	0.6721
<u>Other Industries</u>							
2018	1.0000	1.0003	1.0855	0.9984	0.8383	0.9088	1.1004
2019	1.0000	1.0000	1.1623	0.9984	0.8760	1.0165	0.9838
2020	1.0000	1.0000	1.4032	0.9984	0.9154	1.2824	0.7798

a Apply to pure Loss Costs (pre-LBA, Merit Rating Plan, PCCPAP and Certified Safety Committee adjustments).