Premium Calculation Algorithm

Line #	Item Name	Associated Statistical Code	Line #	Source & Derivation
(1)	Classification	xxxx	(1)	Carrier value
(2)	Exposure	xxxx	(2)	Risk characteristic
(3)	Carrier Rating Value	xxxx	(3)	Carrier value
(4)	Classification Manual Premium		(4)	(2)/100x(3) if classification has payroll exposure. Special procedures apply to non-payroll classes
(5)	Total Policy Manual Premium		(5)	Sum of (4) for all classifications on the policy
(6)	Employer Liability Increased Limits Factor	xxxx	(6)	Carrier value
(7)	Employer Liability Increased Limits Premium Charge		(7)	(5)x[(6) expressed as a decimal]
(8)	Minimum Premium Employer Liability Increased Limits	9848	(8)	Carrier value
(9)	Minimum Premium Employer Liability Increased Limits Premium Charge	9848	(9)	[(8)-(7)] if (7)<(8) and (6) >0, otherwise zero
(10)	Subject Deductible Credit Percentage	9664	(10)	Carrier value
(11)	Subject Deductible Premium Credit	9664	(11)	[(5)+(7)+(9)]x[(-10) expressed as a decimal]
(12)	Waiver of Subrogation Charge	0930	(12)	Carrier value - subject to experience modification
(13)	Waiver of Subrogation Premium	0930	(13)	Value from Line (12)
(14)	Total Subject Premium		(14)	[(5)+(7)+(9)+(11)+(13)]
(15)	Experience Modification	9898	(15)	Zero for non-experience-rated risks
(16)	Modified Premium		(16)	(14)x(15)
(17)	Merit Rating Credit Factor	9885	(17)	Zero if Merit Rating Credit does not apply
(18)	Merit Rating Credit	9885	(18)	(14)x[(-17) expressed as a decimal]
(19)	Merit Rating Neutral Factor	9884	(19)	Zero whether Merit Rating Neutral Adjustment (no credit or debit) does or does not apply
(20)	Merit Rating Neutral Adjustment	9884	(20)	(14)x[(19) expressed as a decimal]
(21)	Merit Rating Debit Factor	9886	(21)	Zero if Merit Rating Debit does not apply
(22)	Merit Rating Charge	9886	(22)	(14)x[(21) expressed as a decimal]
(23)	Premium After Experience Modification or Merit Rating		(23)	(16) if Experience-Rated, [(14)+(18)+(20)+(22)] if Merit-Rated, (14) if Non-Rated
(24)	Non-Ratable Classifications	xxxx	(24)	Carrier Value
(25)	Non-Ratable Classifications Exposure		(25)	Portion of payroll exposure subject to Non-Ratable Classifications
(26)	Non-Ratable Classification Rating Value	xxxx	(26)	Carrier Value
(27)	Non-Ratable Classification Premium		(27)	(25)/100x(26) [based on applicable Non-Ratable Classification exposure]

Premium Calculation Algorithm

Line #	Item Name	Associated Statistical Code	Line #	Source & Derivation
(28)	Aircraft Seat Surcharge Exposure (# of seats)	9108	(28)	Actual number of seats for insured risk. Subject to maximum 10 seats per aircraft
(29)	Aircraft Seat Surcharge	9108	(29)	Carrier Value
(30)	Aircraft Seat Surcharge Premium Charge	9108	(30)	(28) x (29)
(31)	Workfare Program Employees Exposure (PA)	0982	(31)	Number of person weeks. A partial workweek for any worker to be counted as 1 person week.
(32)	Workfare Program Employees Rating Value (PA)	0982	(32)	Carrier Value
(33)	Workfare Program Employees Premium (PA)	0982	(33)	(31) x (32)
(34)	Non-Ratable Classification Premium Total		(34)	Sum of all (27)+(30)+(33) premiums
(35)	Non-Ratable Classification Increased Limits Factor	xxxx	(35)	Carrier value
(36)	Non-Ratable Classification Increased Limits Premium Charge	xxxx	(36)	(34)x [(35) expressed as a decimal]
(37)	Minimum Premium Non-Ratable Classification Increased Limits	9848	(37)	Carrier value
(38)	Minimum Premium Non-Ratable Classification Increased Limits Premium Charge	9848	(38)	[(37)-(36)] if (36) < (37) and (35) > 0, otherwise zero
(39)	Premium Before Schedule Rating		(39)	(23)+(34)+(36)+(38)
(40)	Schedule Rating Plan Adjustment Factor	9887/9889	(40)	Carrier value - use 9887 for schedule credits and 9889 for schedule debits
(41)	Schedule Rating Plan Premium Adjustment	9887/9889	(41)	(39)x[(40) expressed as a decimal]. For schedule credits Line (41) will be negative
(42)	Certified Safety Committee Credit Factor (PA)	9890	(42)	Credit applies if insured is certified.
(43)	Certified Safety Committee Premium Credit (PA)	9890	(43)	[(39)+(41)]x[(-42) expressed as a decimal]
(44)	Workplace Safety Program Credit Factor (DE)	9880	(44)	Credit applies if insured qualifies
(45)	Workplace Safety Program Premium Credit (DE)	9880	(45)	[(39)+(41)]x[(-44) expressed as a decimal]
(46)	Construction Classification Premium Adjustment Program Credit Factor	9046	(46)	Based on wage level(s), application to rating organization
(47)	Construction Classification Premium Adjustment Program Premium Credit	9046	(47)	[(39)+(41)]x[(-46) expressed as a decimal]
(48)	Drug-Free Workplace Factor (DE)	9846	(48)	Carrier value
(49)	Drug-Free Workplace Credit (DE)	9846	(49)	[(39)+(41)+(45)+(47)]x[(-48) expressed as a decimal]

Premium Calculation Algorithm

Line #	Item Name	Associated Statistical Code	Line #	Source & Derivation
(50)	Managed Care Factor (DE)	9874	(50)	Carrier value
(51)	Managed Care Credit (DE)	9874	(51)	[(39)+(41)+(45)+(47)+(49)]x[(-50) expressed as a decimal]
(52)	Package Credit Factor (DE)	9721	(52)	Carrier value
(53)	Package Credit (DE)	9721	(53)	[(39)+(41)+(45)+(47)+(49)+(51)]x[(-52) expressed as a decimal]
(54)	Premium After Managed Care and Package Credit If Applicable		(54)	[(39)+(41)+(43)+(45)+(47)+(49)+(51)+(53)]
(55)	Assigned Risk Surcharge Factor (DE)	0277	(55)	May apply to some or all assigned risks based on plan and characteristics of individual insured
(56)	Assigned Risk Premium Surcharge (DE)	0277	(56)	(54)x[(55) expressed as a decimal]
(57)	Deductible Credit Factor	9663	(57)	Carrier value
(58)	Deductible Premium Credit	9663	(58)	[(54)+(56)]x[(-57) expressed as a decimal]
(59)	Loss Constant	0032	(59)	Carrier value - may vary based on risk premium size
(60)	Loss Constant Charge	0032	(60)	Line (59) if applicable
(61)	Short Rate Cancellation Factor	0931	(61)	Carrier value - zero if short rate cancellation does not apply
(62)	Short Rate Premium	0931	(62)	[(54)+(56)+(58)+(60)]x[(61)-1.0000] if (61)>0, otherwise zero
(63)	Expense Constant	0900	(63)	Carrier value if applicable
(64)	Expense Constant Charge	0900	(64)	Line (63)
(65)	Minimum Premium	0990	(65)	Carrier value
(66)	Minimum Premium Charge	0990	(66)	If (65)>[(54)+(56)+(58)+(60)+(62)+(64)], (65)-[(54)+(56)+(58)+(60)+(62)+(64)], otherwise zero
(67)	Unit Statistical Report Total Standard Premium		(67)	[(54)+(56)+(58)+(60)+(62)+(66)]
(68)	Premium Discount Amount	0063/0064	(68)	Carrier value based on [(54)+(56)+(58)+(60)+(62)+(66)]
(69)	Additional premium Waiver of Subrogation (flat charge)	9115	(69)	Carrier value(s)
(70)	Foreign Terrorism **[**Risk Insurance Act (TRIA) of 2002-Certified Losses**]**	9740	(70)	(Total payroll/100) x carrier rating value
(71)	Domestic Terrorism, Earthquakes and Catastrophic Industrial Accidents (DTEC)	9741	(71)	(Total payroll/100) x carrier rating value

Line #	Item Name	Associated Statistical Code	Line #	Source & Derivation
(72)	Total Policy Premium Subject to Employer Assessment		(72)	(64)+(67)-(68)+(69)+(70)+(71)
(73)	Employer Assessment Factor Pursuant to Act 57 of 1997 (PA)	0938	(73)	Bureau value for the specific purpose of computing employer assessments
(74)	Employer Assessment Amount Pursuant to Act 57 of 1997 (PA)	0938	(74)	[(72)-(11)-(58)]x(73) NOTE: Cells (11) and (58) are credits. Subtracting these credits as shown effectively adds the premium reduction given for deductible coverage back into the premium for purposes of calculating employer assessments