

Unified Theory of Regulatory Compliance (CH+) Calculator (Validation Phase)©

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<u>VARIABLE</u>	<u>DESCRIPTION</u>	<u>ALLOWED RANGE</u>
PQI	Program Quality Indicators (Effectiveness)(Micro)	+10 to +40
RWCH	Relatively Weighted Contact Hours (Efficiency)(Micro)	-20 to +20
FC	Foundational Compliance (Macro)(KIM)(Key Indicators)	0 or -2
F-	High-Risk Rules (False Negative)(Macro)(RAM)	0 or -1
F+	Low-Risk Rules (False Positive)(Macro)(RAM)	0 to -3

CALCULATIONS & RESULTS

Circuit Breaker Triggered? (F- = -1, F+ = -3, or FC = -2)(Must Pass all)

Final CH+ Composite Score Range from 0 to 100

Regulatory Action Status 0-30 = Denial; 31-69 = Provisional; 70+ Full License

Regulatory Compliance Scale 0-30 = 1; 31-69 = 3; 70+ = 5,7.

Use the following links for examples of the potential CH+ Output and the CH+ App:

DimRegSci Output

<https://gemini.google.com/share/9b1b0e4c1993>

IRF+CH+ Modeler App

<https://gemini.google.com/share/3c42af9c51d3>

Here is a link to the research and validation study report of the Saskatchewan Study:

<https://rikoinstitute.com/wp-content/uploads/2026/05/10SKPQIRAMKIMVAL.pdf>

Here is the link to the theoretical papers and research abstracts for CH+:

[7UTRC.pdf](#)

The link to the CCEEHM Micro Assessment Tools for PQI and RWCH:

[8aCCEEHMMicro.pdf](#)

The link to the IRF Macro Assessment App for FC, F-, and F+ variables:

[Psychology of Compliance](#)

The link to an example output report generated by the CH+ App:

[Dimensional Regulatory Science Infographic](#)

For additional information regarding the Unified Theory of Regulatory Compliance CH+ Calculator:

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Legend:

KIM = Key Indicator Methodology

RAM = Risk Assessment Methodology

PQI = Program Quality Indicators taken from the CCEEHM Tool (Transfer the total score to B65)

RWCH = Relatively Weighted Contact Hours taken from the CCEEHM Tool (Transfer score to B66)

FC = Compliance Key Indicators taken from their respective tool (Transfer any KI Non Compliances to B67)

F- = High Risk Rules that must all be in compliance (Transfer any High risk rule non-compliance to B68)

F+ = Low Risk Rules that must be in substantial compliance, no more than 2 being non compliant (B69)

$$CH+ = ((PQI \times 3) + (RWCH \times 2)) - ((FC \times 2) - (F-) - (F+ \times 3))$$

Based upon data analysis the original formula needed to be adjusted back to its initial settings:

PQI x3 = 3D, Micro Assessment, Process Quality (+10 to +40).

RWCH x2 = 2D, Micro Assessment, Structural Quality (-20 to +20).

FC, F+, F- = 1D, Macro Assessment, Structural Quality, Risk Assessment, Key Indicators (-1,0).

F- = 1 non-compliance; FC = 2 or more non-compliances; F+ = 3 or more non-compliance. All = -1 Value.

F- are high risk rules; FC are medium risk rules; F+ are low risk rules.

Revised CH+ Validation

Variable	Value (Input)	Description / Note
PQI	0	Input value for PQI
RWCH	0	Input value for RWCH
FC	0	Input value FC If -1, CH+ is 0
F-	0	Input value F- If -1, CH+ is 0
F+	0	Input value F+ If -1, CH+ is 0
If F+ non-compliance = 1 or 2, F+ remains 0		Note: If F+ >2, than -1
If FC non-compliance = 1, FC remains 0		Note: If FC >1, than -1
CH+ Result	0	

Process Quality**High Quality* = 70+****Medium Quality = 68-31****Low Quality = less than 30****Structural Quality**

Full = 70+ (RCS 5,7)

Provisional = 69-31 (RCS 3)

Denial > 30 (RCS 1)

****Upper end would include accreditation and QRIS***