

The CH+ Scoring Protocol (β Version): A Comprehensive Methodology for Evaluating Compliance and Quality

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Abstract

This article introduces the beta version of the CH+ Scoring Protocol, a comprehensive mathematical model designed to quantify compliance and program quality within early care and education regulatory systems. The protocol integrates Program Quality Indicators (PQI) and Regulatory Weighting/Compliance History (RWCH), while applying risk-stratified reduction factors for foundational and risk-based non-compliances. The scoring thresholds and application examples are presented to demonstrate how differential weighting distinguishes between low, provisional, and high-quality providers. By modularizing the base score and reduction multipliers, this paper presents a mathematically rigorous and scalable approach to compliance evaluation.

1 Introduction

The ongoing evolution of regulatory science necessitates robust methodologies that move beyond binary compliance checks to nuanced, differentially weighted scoring protocols. The CH+ Scoring Protocol (β Version) addresses this by synthesizing key indicators, risk assessment rules, and quality metrics into a single, comprehensive score. This approach allows regulatory agencies to effectively categorize programs into actionable tiers ranging from denial to very high quality, ensuring a standardized, mathematically sound basis for evaluating human services and child care compliance.

2 Methodology and Formula Components

To ensure clarity, scalability, and mathematical rigor, the CH+ β protocol is structured modularly. The formula separates positive foundational metrics (the Base Score) from risk-based penalizations (Reduction Multipliers), which account for the severity and frequency of non-compliances.

2.1 The Base Score (S_{base})

The base score relies on two core variables weighted by their relative importance to program quality and historical compliance:

- **PQI (Quality Indicators from CCEEHM):** Ranges from +10 to +40. Weight multiplier: 3.
- **RWCH (ACR/GS Ratios and Group Size Compliance from CCEEHM):** Ranges from -20 to +20. Weight multiplier: 2.

The base score isolates the positive points before any penalties are applied:

$$S_{\text{base}} = 3 \sum \text{PQI} + 2 \sum \text{RWCH} \quad (1)$$

2.2 The Reduction Multipliers

Risk rules operate as step-down reduction factors. Instead of applying linear arithmetic subtraction, distinct multipliers (M) evaluate specific non-compliance thresholds using piecewise notation.

Foundational Compliance (M_{FC}): Evaluates Key Indicator Rules. A severe lack of foundational compliance results in a full nullification of the score.

$$M_{\text{FC}} = \begin{cases} 0 & \text{if FC} \leq -2 \\ 0.5 & \text{if FC} = -1 \\ 1 & \text{if FC} = 0 \end{cases} \quad (2)$$

High-Risk Rules ($M_{\text{F-}}$): Accounts for False Negatives in high-risk scenarios. Even a single occurrence warrants a full null reduction.

$$M_{\text{F-}} = \begin{cases} 0 & \text{if F-} \leq -1 \\ 1 & \text{if F-} = 0 \end{cases} \quad (3)$$

Low-Risk Rules ($M_{\text{F+}}$): Accounts for False Positives in low-risk scenarios, utilizing a graduated penalty system.

$$M_{\text{F+}} = \begin{cases} 0 & \text{if F+} \leq -3 \\ 0.67 & \text{if F+} \in \{-1, -2\} \\ 1 & \text{if F+} = 0 \end{cases} \quad (4)$$

2.3 The Final Equation

The final CH+ β score integrates the base quality metrics with the defined risk factors. The Base Score is multiplied by the applicable reduction factors:

$$CH + \beta = S_{\text{base}} \times (M_{\text{FC}} \times M_{\text{F-}} \times M_{\text{F+}}) \quad (5)$$

3 Scoring Tiers

The final calculated score determines the regulatory standing of the program:

- **Less than 30:** Low quality, Denial
- **30 – 70:** Medium quality, Provisional
- **71+:** High quality, Full compliance
- **90+:** Very High quality

4 Results: Applied Scoring Examples

The matrix below provides empirical examples of the CH+ Scoring Protocol in practice, illustrating the impact of various compliance and quality indicator combinations.

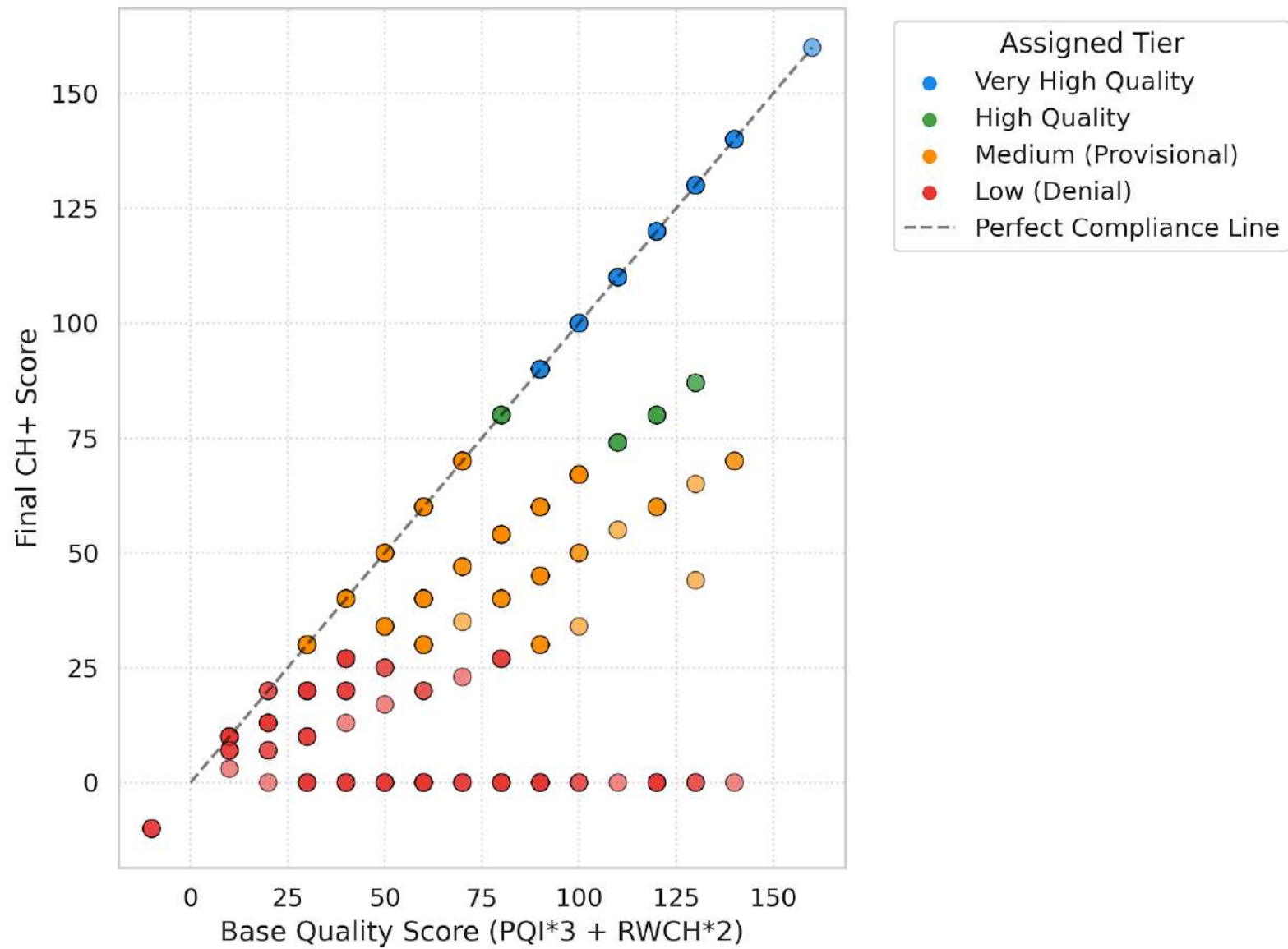
Table 1: CH+ β Scoring Matrix and Application Outcomes

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS
40	10	0	0	0	140	Perfect score, full compliance/quality
30	0	0	0	0	90	High score, full compliance
20	0	-2	-1	0	0	Unacceptable score FC, F+, F-
40	10	0	0	-3	94	Substantial compliance with F+
40	10	-1	0	0	70	Medium score, KIM NC
10	-10	0	0	0	10	Very low-quality score, Denial
10	-20	0	0	0	-10	Very low score, Denial
10	-20	0	-1	0	0	Unacceptable score, Denial
20	0	0	0	0	60	Provisional
20	0	-1	0	0	30	Very low provisional level
20	0	0	0	-2	40	Medium + Substantial compliance
20	0	-1	0	-2	15	Denial based upon FC + F+ NCs

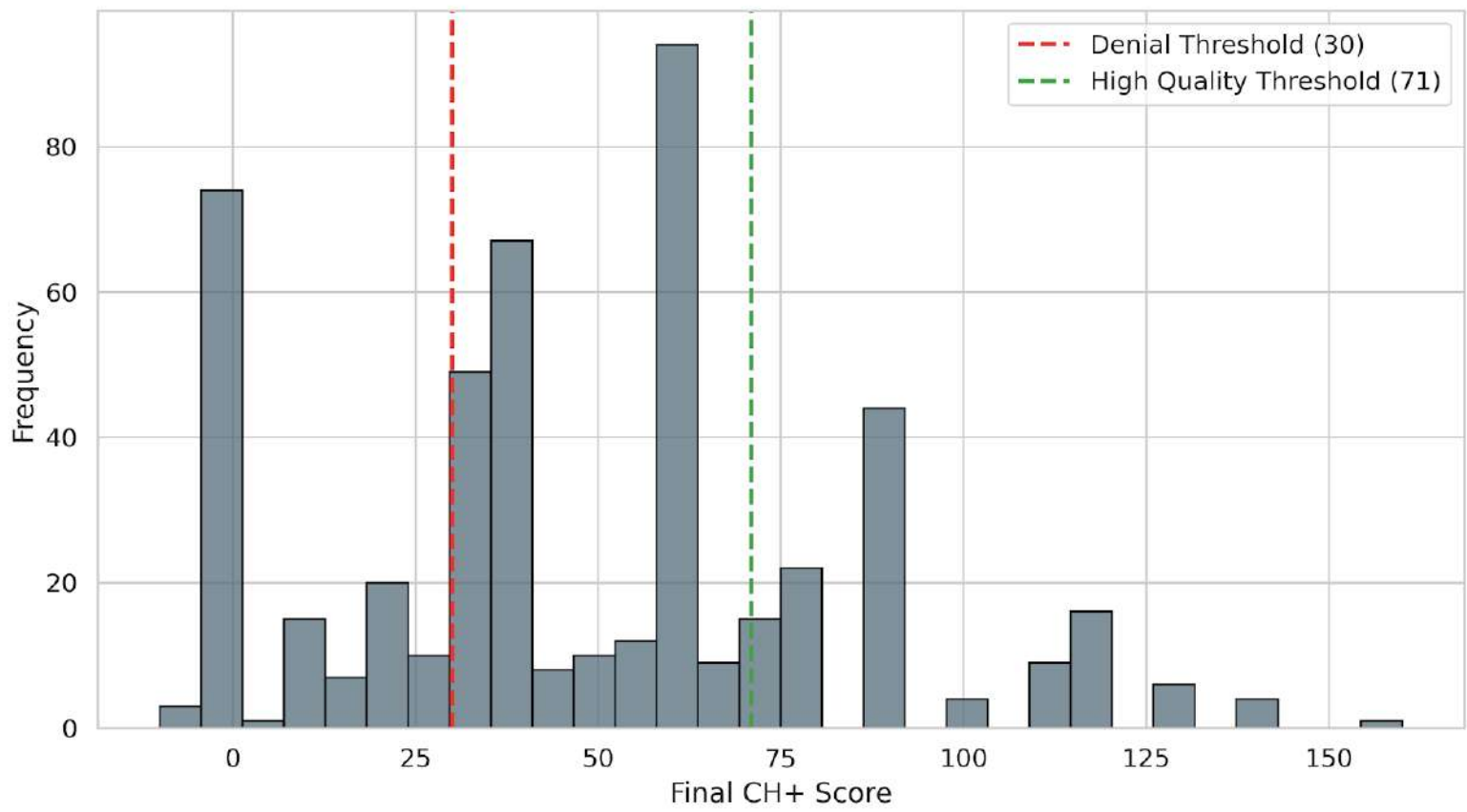
5 Discussion and Conclusion

The CH+ β scoring model provides a rigorous mathematical framework for regulatory agencies, enabling the differentiation of high-performing programs from those that present significant risks to health and safety. By explicitly separating the foundational compliance baselines from risk reduction multipliers, the modular format eliminates arithmetic ambiguity and allows for seamless integration into digital scoring systems and dashboards. The protocol effectively mitigates both false negatives and false positives in regulatory decision-making, ensuring a balanced, equitable, and data-driven approach to human services oversight.

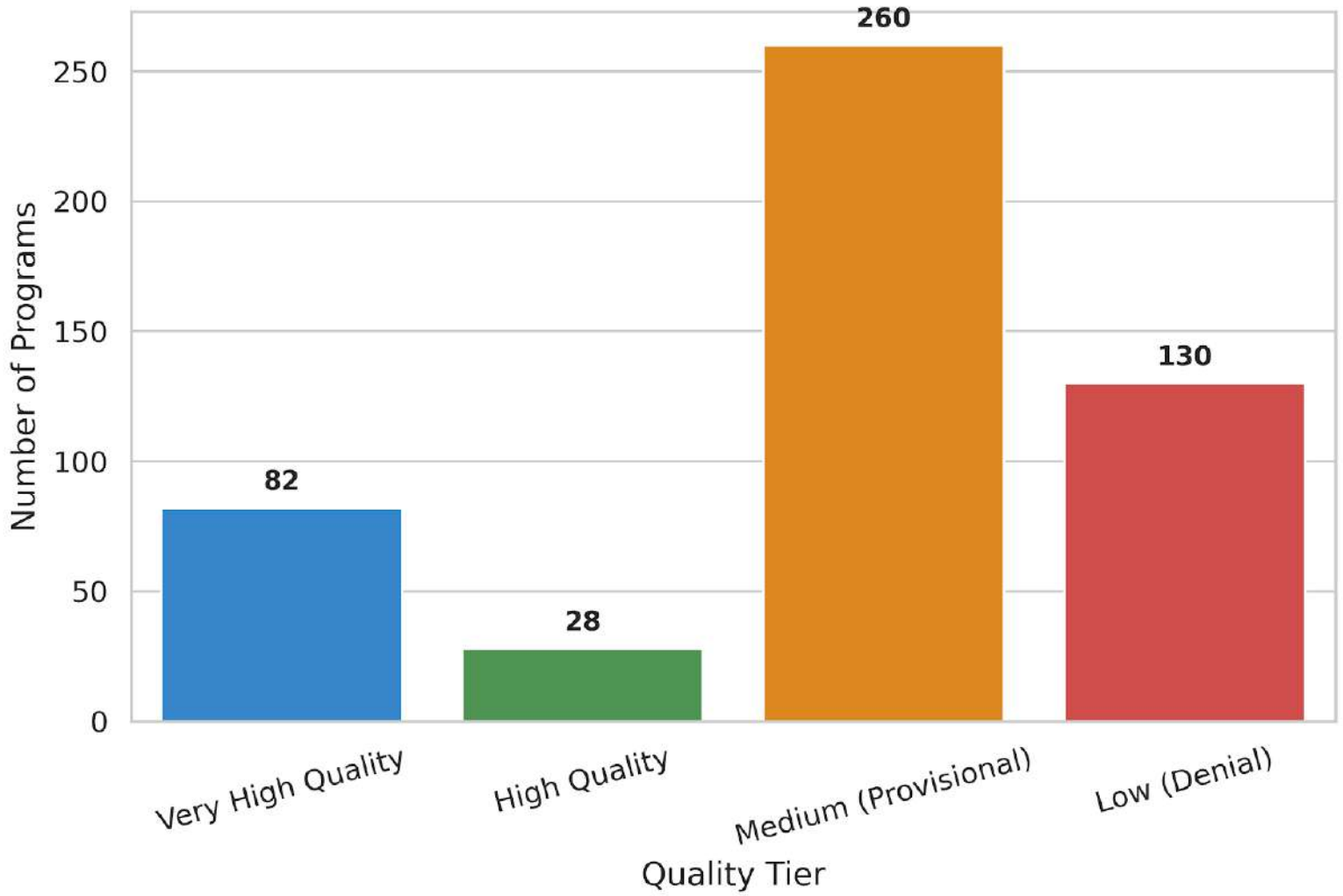
Impact of Multipliers on Normally Distributed Population



Frequency Distribution of Final CH+ Scores (n=500)



**Distribution of Quality Tiers
(n=500 Normally Distributed Simulations)**



CH+ Scoring Protocol (β)

Extended Reference Matrix — 500 Simulated Application Outcomes

Distribution Summary (n=500):

Very High Quality (90+): 82 | High Quality (71-89): 28 | Medium Quality / Provisional (30-70): 260 | Low Quality / Denial (<30): 130

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
20	-20	0	0	-1	13	Low Quality (Denial) — Reduced by F+ NC
30	10	0	0	0	110	Very High Quality
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	-10	0	0	-1	27	Low Quality (Denial) — Reduced by F+ NC
30	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	10	0	0	0	80	High Quality
30	-20	0	0	0	50	Medium Quality (Provisional)
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
40	0	0	0	-2	80	High Quality — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
20	10	-1	0	-1	27	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	10	0	0	0	80	High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
20	20	0	0	0	100	Very High Quality
10	0	0	0	0	30	Medium Quality (Provisional)
20	20	0	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance
10	0	0	0	0	30	Medium Quality (Provisional)
20	-10	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	0	0	0	90	Very High Quality
20	-20	-1	0	-2	7	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	-10	-1	0	0	20	Low Quality (Denial) — Reduced by FC NC
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	0	120	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	-2	20	Low Quality (Denial) — Reduced by F+ NC
10	0	0	0	0	30	Medium Quality (Provisional)
40	0	0	0	-2	80	High Quality — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
30	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	10	0	0	0	80	High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance
40	10	-1	0	0	70	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
40	0	0	0	0	120	Very High Quality
40	0	0	0	0	120	Very High Quality
20	0	-1	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
10	-10	0	0	0	10	Low Quality (Denial)
10	10	0	0	-1	34	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
40	-10	0	0	-2	67	Medium Quality (Provisional) — Reduced by F+ NC
30	10	0	0	-2	74	High Quality — Reduced by F+ NC

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
30	0	0	0	0	90	Very High Quality
10	-10	0	0	-1	7	Low Quality (Denial) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
40	10	0	0	0	140	Very High Quality
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
40	0	-1	0	0	60	Medium Quality (Provisional) — Reduced by FC NC
10	0	-1	0	-2	10	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
30	20	-1	0	0	65	Medium Quality (Provisional) — Reduced by FC NC
30	0	-1	0	-2	30	Medium Quality (Provisional) — Heavily reduced by FC and F+ NCs
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
30	0	0	0	0	90	Very High Quality
30	20	0	0	0	130	Very High Quality
40	0	-1	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	20	0	0	0	100	Very High Quality
30	0	0	0	0	90	Very High Quality
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	-2	20	Low Quality (Denial) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
20	-10	0	0	-1	27	Low Quality (Denial) — Reduced by F+ NC
40	0	0	0	0	120	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
10	0	-1	0	-2	10	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
30	20	0	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	-1	80	High Quality — Reduced by F+ NC
20	-20	0	0	-2	13	Low Quality (Denial) — Reduced by F+ NC
40	0	0	0	-1	80	High Quality — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
20	-20	0	0	0	20	Low Quality (Denial)
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
40	0	0	0	-1	80	High Quality — Reduced by F+ NC
30	10	0	0	0	110	Very High Quality
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
30	-10	0	0	0	70	Medium Quality (Provisional)
30	20	0	0	0	130	Very High Quality
30	20	0	0	0	130	Very High Quality
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	-10	-2	0	-2	0	Low Quality (Denial) — Nullified by FC Non-Compliance
30	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
20	10	-1	0	-2	27	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	0	0	0	0	60	Medium Quality (Provisional)
30	-10	0	0	0	70	Medium Quality (Provisional)
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
20	-10	0	0	0	40	Medium Quality (Provisional)
30	-10	0	0	-1	47	Medium Quality (Provisional) — Reduced by F+ NC
40	0	0	0	0	120	Very High Quality
20	-10	0	0	0	40	Medium Quality (Provisional)
40	0	0	0	-2	80	High Quality — Reduced by F+ NC
20	10	0	0	0	80	High Quality
20	-10	-1	0	-2	13	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	-2	0	-1	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	0	60	Medium Quality (Provisional)
20	10	-2	0	-1	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
30	-10	0	0	0	70	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	10	-1	0	0	40	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
10	-20	0	0	0	-10	Low Quality (Denial)
10	20	-1	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
40	0	0	0	-1	80	High Quality — Reduced by F+ NC
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	10	0	0	0	110	Very High Quality
40	10	0	0	0	140	Very High Quality
20	20	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
30	0	0	0	0	90	Very High Quality
30	0	0	0	0	90	Very High Quality
40	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	0	0	0	60	Medium Quality (Provisional)
10	20	-1	0	0	35	Medium Quality (Provisional) — Reduced by FC NC
30	0	0	0	0	90	Very High Quality
30	20	0	0	0	130	Very High Quality
40	0	-1	0	0	60	Medium Quality (Provisional) — Reduced by FC NC
30	0	-1	0	-2	30	Medium Quality (Provisional) — Heavily reduced by FC and F+ NCs
20	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	-20	0	0	-2	13	Low Quality (Denial) — Reduced by F+ NC
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
30	-20	0	0	-2	34	Medium Quality (Provisional) — Reduced by F+ NC

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
40	0	0	0	-1	80	High Quality — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
30	0	0	0	0	90	Very High Quality
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
30	-10	0	0	0	70	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	10	0	0	-1	54	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	10	0	0	-1	74	High Quality — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	-1	0	0	60	Medium Quality (Provisional) — Reduced by FC NC
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
10	20	0	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance
30	20	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
30	-20	0	0	-1	34	Medium Quality (Provisional) — Reduced by F+ NC
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
20	-20	-1	0	-2	7	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	-10	-1	0	0	20	Low Quality (Denial) — Reduced by FC NC
20	-10	-1	0	0	20	Low Quality (Denial) — Reduced by FC NC
10	10	0	0	-1	34	Medium Quality (Provisional) — Reduced by F+ NC
30	10	0	0	0	110	Very High Quality
20	-10	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
10	0	0	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
10	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	-10	0	0	0	40	Medium Quality (Provisional)
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	-1	27	Low Quality (Denial) — Reduced by F+ NC
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
40	-20	-1	0	0	40	Medium Quality (Provisional) — Reduced by FC NC
20	-10	0	0	0	40	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
30	10	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
10	0	0	0	0	30	Medium Quality (Provisional)
40	-10	0	0	0	100	Very High Quality
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
40	-10	-1	0	0	50	Medium Quality (Provisional) — Reduced by FC NC
30	10	0	0	0	110	Very High Quality
20	-10	0	0	-1	27	Low Quality (Denial) — Reduced by F+ NC
30	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
30	20	-1	0	-1	44	Medium Quality (Provisional) — Heavily reduced by FC and F+ NCs
10	10	-1	0	0	25	Low Quality (Denial) — Reduced by FC NC
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	0	0	0	90	Very High Quality
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	0	30	Medium Quality (Provisional)
20	-10	0	0	0	40	Medium Quality (Provisional)
30	-10	0	0	0	70	Medium Quality (Provisional)
30	10	0	0	0	110	Very High Quality
10	10	-1	0	0	25	Low Quality (Denial) — Reduced by FC NC
30	0	0	0	0	90	Very High Quality
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
30	0	0	0	0	90	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	-1	0	-1	10	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
30	10	0	0	0	110	Very High Quality
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
30	-10	-1	0	-1	23	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	10	0	0	0	80	High Quality
20	-10	0	0	0	40	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
10	-10	0	0	-1	7	Low Quality (Denial) — Reduced by F+ NC
30	10	-1	0	0	55	Medium Quality (Provisional) — Reduced by FC NC
10	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
20	10	0	0	-1	54	Medium Quality (Provisional) — Reduced by F+ NC
30	0	-1	0	-1	30	Medium Quality (Provisional) — Heavily reduced by FC and F+ NCs
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
10	-10	-1	0	-1	3	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
30	10	0	0	-1	74	High Quality — Reduced by F+ NC
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
30	-10	0	0	-1	47	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	-1	0	-2	20	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	10	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	-2	0	-2	0	Low Quality (Denial) — Nullified by FC Non-Compliance
10	0	0	0	0	30	Medium Quality (Provisional)
10	10	-1	0	-1	17	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
20	10	0	0	-2	54	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
40	10	0	0	0	140	Very High Quality
20	10	0	0	-1	54	Medium Quality (Provisional) — Reduced by F+ NC
20	-20	0	0	-2	13	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	-20	0	0	0	20	Low Quality (Denial)
10	10	0	0	0	50	Medium Quality (Provisional)
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	-10	0	0	0	70	Medium Quality (Provisional)
10	-10	0	0	0	10	Low Quality (Denial)
40	0	0	0	0	120	Very High Quality
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	10	0	0	0	80	High Quality
40	0	0	0	0	120	Very High Quality
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	-2	0	-3	0	Low Quality (Denial) — Nullified by FC, F+ Non-Compliance
40	-10	0	0	-2	67	Medium Quality (Provisional) — Reduced by F+ NC
30	20	0	0	-1	87	High Quality — Reduced by F+ NC
10	-10	0	0	0	10	Low Quality (Denial)
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	10	0	0	-2	54	Medium Quality (Provisional) — Reduced by F+ NC
20	10	0	0	-1	54	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
30	10	0	0	-1	74	High Quality — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
30	-20	0	0	-2	34	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
30	0	0	0	0	90	Very High Quality
40	0	0	0	0	120	Very High Quality
30	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
20	10	0	0	0	80	High Quality
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
30	10	0	0	0	110	Very High Quality
10	0	0	0	0	30	Medium Quality (Provisional)
40	-10	0	0	-1	67	Medium Quality (Provisional) — Reduced by F+ NC
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	10	0	0	0	80	High Quality
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	0	120	Very High Quality
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
20	10	0	0	0	80	High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	-1	-1	0	Low Quality (Denial) — Nullified by F- Non-Compliance
10	20	0	0	0	70	Medium Quality (Provisional)
40	0	0	0	0	120	Very High Quality
10	-10	0	0	0	10	Low Quality (Denial)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	-2	80	High Quality — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	20	0	0	-1	87	High Quality — Reduced by F+ NC
30	-20	0	-1	-1	0	Low Quality (Denial) — Nullified by F- Non-Compliance
30	0	0	0	0	90	Very High Quality

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
20	0	-1	0	-1	20	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
10	10	0	0	0	50	Medium Quality (Provisional)
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	-1	80	High Quality — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
40	10	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	-2	20	Low Quality (Denial) — Reduced by F+ NC
20	10	-1	0	0	40	Medium Quality (Provisional) — Reduced by FC NC
40	0	0	0	0	120	Very High Quality
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	10	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	-1	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance
30	-20	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	20	0	0	-2	67	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
10	0	0	0	0	30	Medium Quality (Provisional)
30	20	0	0	0	130	Very High Quality

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	0	0	0	90	Very High Quality
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
10	10	0	0	0	50	Medium Quality (Provisional)
10	-10	0	0	0	10	Low Quality (Denial)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
30	-10	0	0	0	70	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
20	10	0	0	-2	54	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
40	10	0	0	0	140	Very High Quality
20	0	0	-1	-1	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	20	0	0	-2	67	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	-1	27	Low Quality (Denial) — Reduced by F+ NC
20	-20	0	0	-1	13	Low Quality (Denial) — Reduced by F+ NC
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	10	0	0	-2	54	Medium Quality (Provisional) — Reduced by F+ NC
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
10	-20	0	0	0	-10	Low Quality (Denial)
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
40	10	-1	0	0	70	Medium Quality (Provisional) — Reduced by FC NC
20	20	-1	0	-1	34	Medium Quality (Provisional) — Heavily reduced by FC and F+ NCs
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
20	10	0	0	-2	54	Medium Quality (Provisional) — Reduced by F+ NC

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
40	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	-1	20	Low Quality (Denial) — Reduced by F+ NC
20	10	0	0	-1	54	Medium Quality (Provisional) — Reduced by F+ NC
20	0	-1	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
10	10	-2	0	-3	0	Low Quality (Denial) — Nullified by FC, F+ Non-Compliance
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	10	-1	0	0	40	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
30	20	0	0	0	130	Very High Quality
30	-10	0	0	-2	47	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
40	0	0	0	-2	80	High Quality — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
40	-20	-1	0	-2	27	Low Quality (Denial) — Heavily reduced by FC and F+ NCs
40	-10	0	0	0	100	Very High Quality
20	10	0	0	0	80	High Quality
20	0	-2	0	-1	0	Low Quality (Denial) — Nullified by FC Non-Compliance
30	0	-1	0	0	45	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	-2	20	Low Quality (Denial) — Reduced by F+ NC
30	0	0	0	-2	60	Medium Quality (Provisional) — Reduced by F+ NC

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	0	0	0	90	Very High Quality
40	0	0	0	0	120	Very High Quality
10	-10	0	0	0	10	Low Quality (Denial)
30	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
30	0	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
30	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
30	-20	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	10	0	0	-1	54	Medium Quality (Provisional) — Reduced by F+ NC
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
10	-20	0	0	0	-10	Low Quality (Denial)
10	-10	0	0	0	10	Low Quality (Denial)
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
40	20	0	0	0	160	Very High Quality
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	0	120	Very High Quality
20	10	-1	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	10	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
40	0	0	0	0	120	Very High Quality
20	0	-1	0	0	30	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)
40	0	0	0	0	120	Very High Quality
30	10	0	0	0	110	Very High Quality
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
10	20	0	0	0	70	Medium Quality (Provisional)
40	0	0	0	0	120	Very High Quality

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
30	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
40	-10	-1	0	0	50	Medium Quality (Provisional) — Reduced by FC NC
20	0	0	0	0	60	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
30	0	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	-10	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
30	0	0	0	0	90	Very High Quality
10	10	0	0	0	50	Medium Quality (Provisional)
20	10	0	0	0	80	High Quality
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	0	90	Very High Quality
10	-10	0	0	-1	7	Low Quality (Denial) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
20	0	0	-1	0	0	Low Quality (Denial) — Nullified by F- Non-Compliance
20	-10	0	0	0	40	Medium Quality (Provisional)
20	-20	0	0	-3	0	Low Quality (Denial) — Nullified by F+ Non-Compliance
20	0	0	0	-2	40	Medium Quality (Provisional) — Reduced by F+ NC
20	-10	0	0	0	40	Medium Quality (Provisional)
20	0	0	0	-1	40	Medium Quality (Provisional) — Reduced by F+ NC
30	0	0	0	-1	60	Medium Quality (Provisional) — Reduced by F+ NC
30	0	-1	0	-1	30	Medium Quality (Provisional) — Heavily reduced by FC and F+ NCs
20	20	0	0	-1	67	Medium Quality (Provisional) — Reduced by F+ NC

PQI	RWCH	FC	F-	F+	SCORE	COMMENTS / CLASSIFICATION
20	20	0	0	-2	67	Medium Quality (Provisional) — Reduced by F+ NC
20	20	0	0	-2	67	Medium Quality (Provisional) — Reduced by F+ NC
20	0	0	0	0	60	Medium Quality (Provisional)
10	0	0	0	0	30	Medium Quality (Provisional)
20	0	0	0	0	60	Medium Quality (Provisional)
20	10	-2	0	0	0	Low Quality (Denial) — Nullified by FC Non-Compliance
40	0	-1	-1	-2	0	Low Quality (Denial) — Nullified by F- Non-Compliance
10	10	0	0	-2	34	Medium Quality (Provisional) — Reduced by F+ NC

CH+ SCORING PROTOCOL (β) CALCULATOR

INPUT VARIABLES	VALUE (EDIT HERE)	VALID RANGE
PQI (Program Quality Indicators)	40	10 to 40
RWCH (Regulatory Weighting/Compliance)	10	-20 to +20
FC (Foundational Compliance NCs)	0	0, -1, -2, etc.
F- (High Risk Rules NCs)	0	0, -1, etc.
F+ (Low Risk Rules NCs)	0	0, -1, -2, -3, etc.

MODULAR MULTIPLIERS	CALCULATED VALUE	FORMULA / LOGIC
Base Score	140	$PQI * 3 + RWCH * 2$
Foundational Compliance Multiplier (M_FC)	1	0 (if ≤ -2), 0.5 (if -1), 1 (if 0)
High Risk Multiplier (M_F-)	1	0 (if ≤ -1), 1 (if 0)
Low Risk Multiplier (M_F+)	1	0 (if ≤ -3), 0.67 (if -1 or -2), 1 (if 0)

FINAL CH+ β SCORE	140
PROGRAM TIER CLASSIFICATION	Very High Quality

Note: Enter negative values for rule violations (e.g., -1 for a single F- violation).

The CH+ Scoring Protocol: A Data-Driven Approach to Program Quality

An explanatory framework for understanding the mathematical modularity of the CH+ scoring system and its translation into actionable regulatory tiers for human services and early childhood education.

THE CALCULATION — FROM METRICS TO MULTIPLIERS

$$CH+\beta = S_{base} \times (MFC \times MF- \times MF+)$$



Foundational Compliance

The Base Quality Score

$$S_{base} = 3\sum PQI + 2\sum RWCH$$

Combines Program Quality Indicators (weighted 3x) with Regulatory Compliance History (weighted 2x) for a foundational score.

★ Quality Indicators

Combines Program Indicators Regulatory Compliance (weighted 2x) for a foundational score.



Risk-Based Reduction Multipliers

Step-down factors penalize non-compliance.

High-risk violations (F-) trigger immediate nullification (multiplier of 0), while low-risk violations (F+) use graduated penalties.



Mathematical Rigor

Beyond binary "Pass/Fail" checks. The modular formula eliminates arithmetic ambiguity and allows for seamless integration into digital dashboards.

THE OUTCOME — QUALITY TIER CLASSIFICATION

The Quality Spectrum

Four tiers of regulatory standing. Final scores categorize programs into tiers ranging from immediate denial to very high quality.

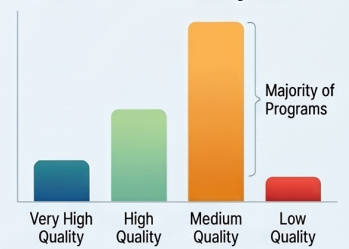


Impact of Multipliers

Penalties pull scores below the "Perfect Line."

Risk rules prevent "false negatives" where high quality might otherwise mask significant safety risks.

Distribution of Quality Tiers



Most programs typically fall into 'Medium/Provisional' Category fall-in a normal distribution.

● SYSTEM ONLINE / MODULE READY


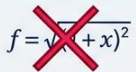

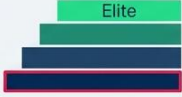

The Architecture of Nuance

Decoding the CH+ Scoring Protocol (β Version)

Based on the methodology by Richard Fiene, Ph.D.

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The Evolution of Compliance Oversight

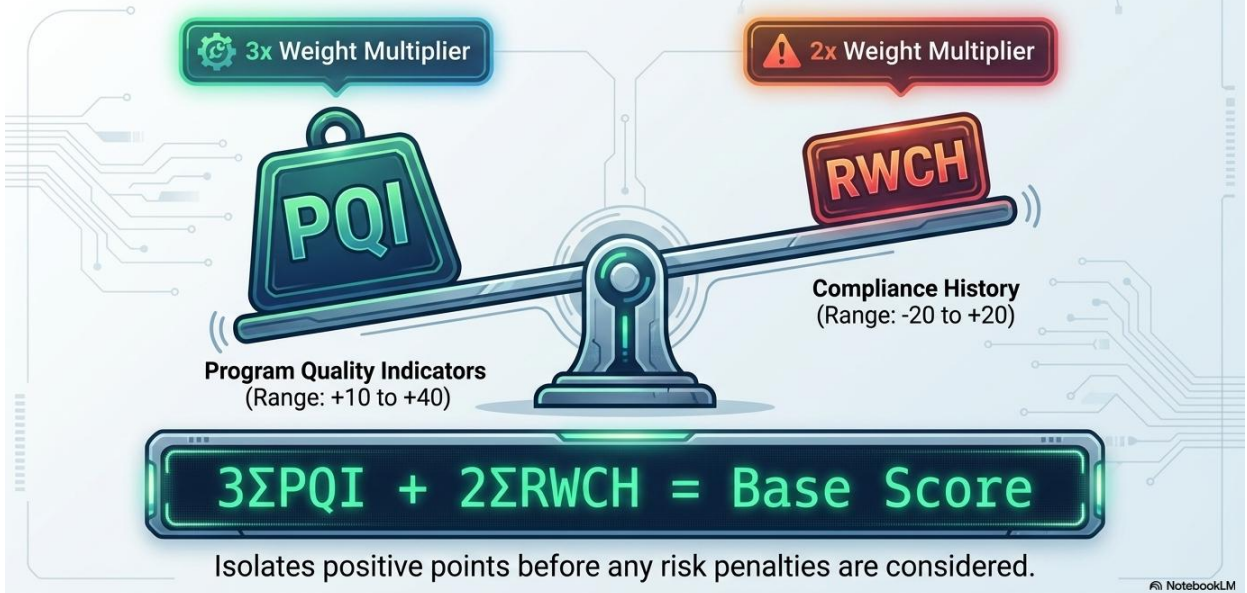
Legacy Regulatory Models	The CH+ β Protocol
Binary Pass/Fail	Nuanced Mathematical Spectrum
Linear point subtraction (Flawed averaging)	Graduated Step-Down Penalty Logic 
Subjective committee review	Instant Mathematical Nullification 
Ambiguous Status 	4 Actionable Quality Tiers  

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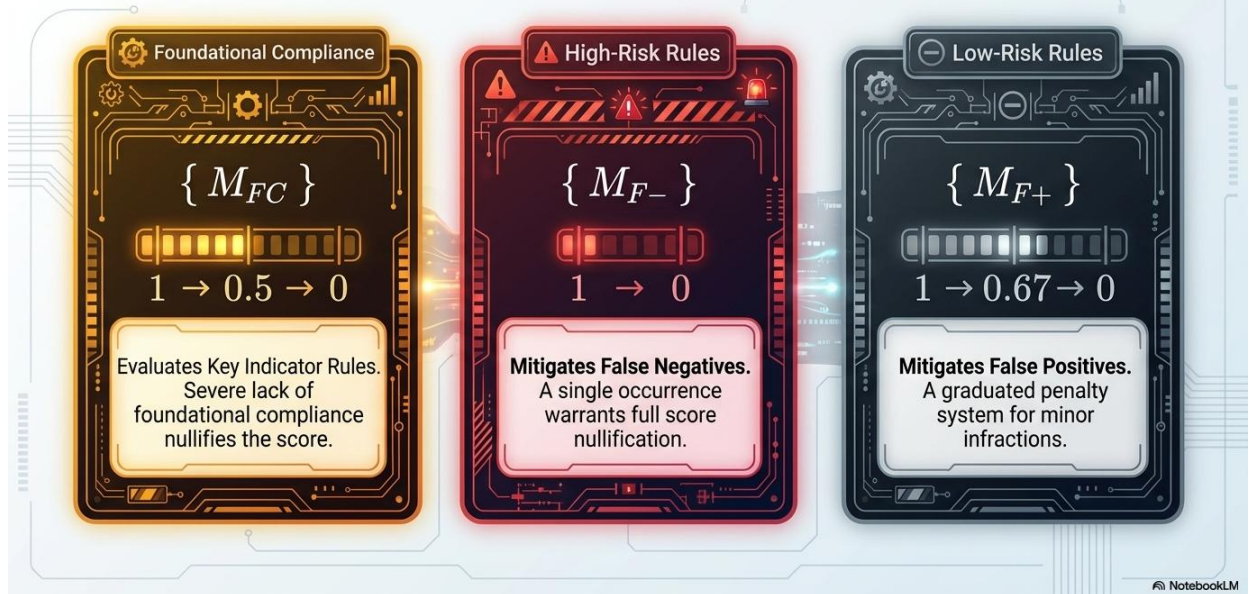
The Modular Scoring Engine



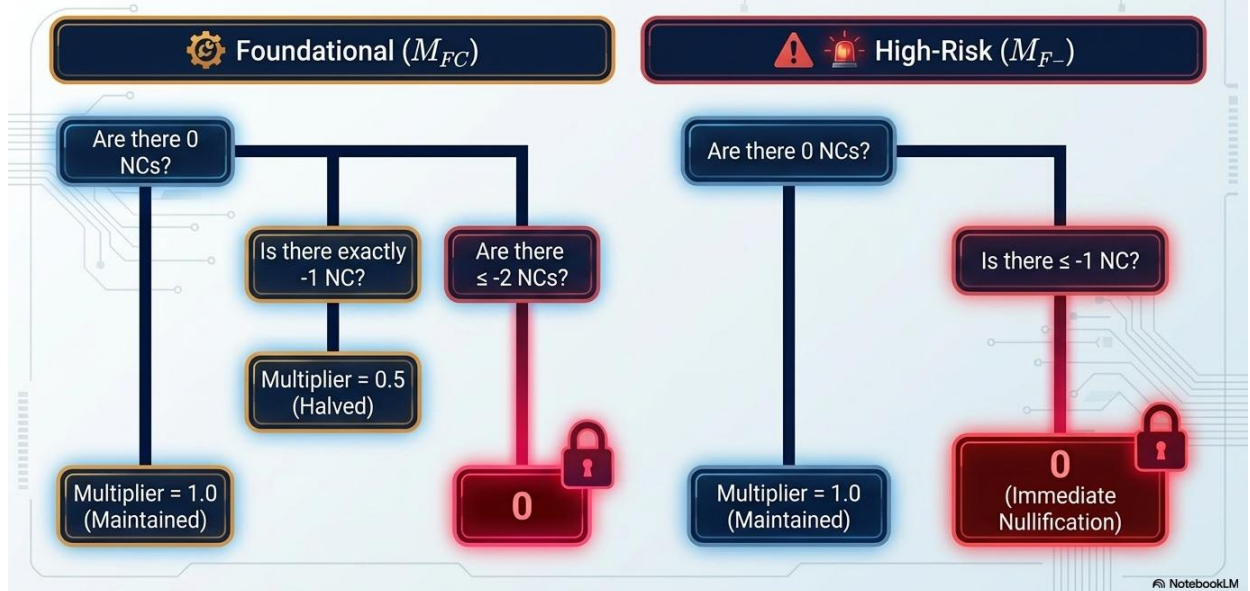
Calculating the Base Score (S_{base})



The Reduction Multipliers



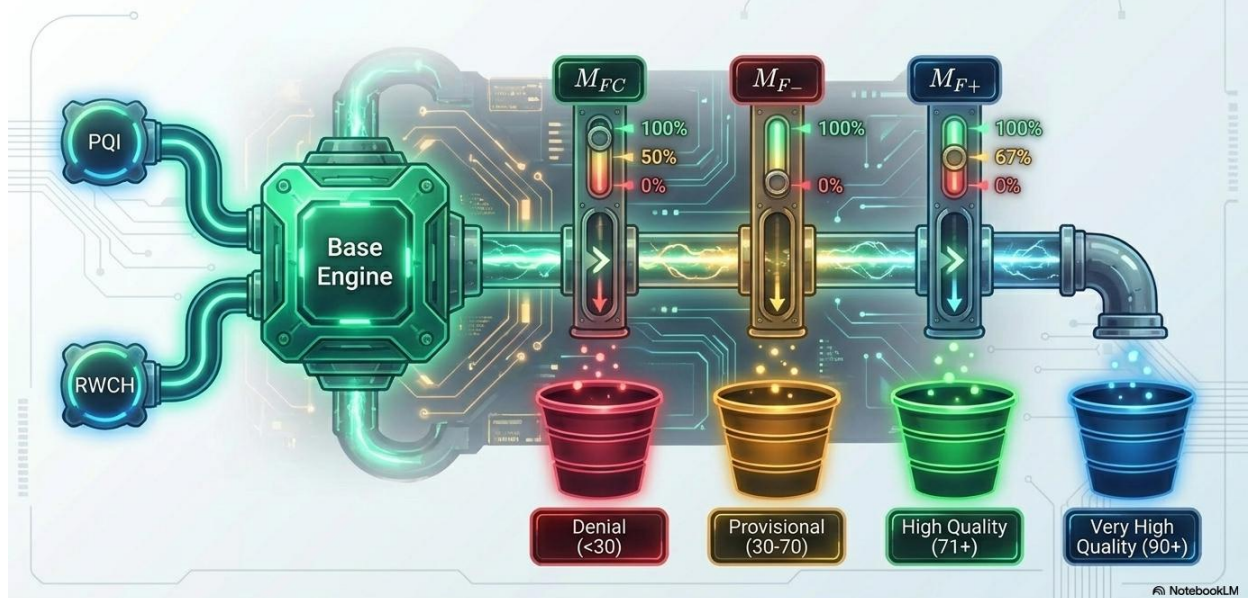
Step-Down Penalty Logic: Major Risks



Step-Down Penalty Logic: Minor Risks (M_{F+})



The CH+ β Scoring Engine at Work



The Equilibrium of Oversight

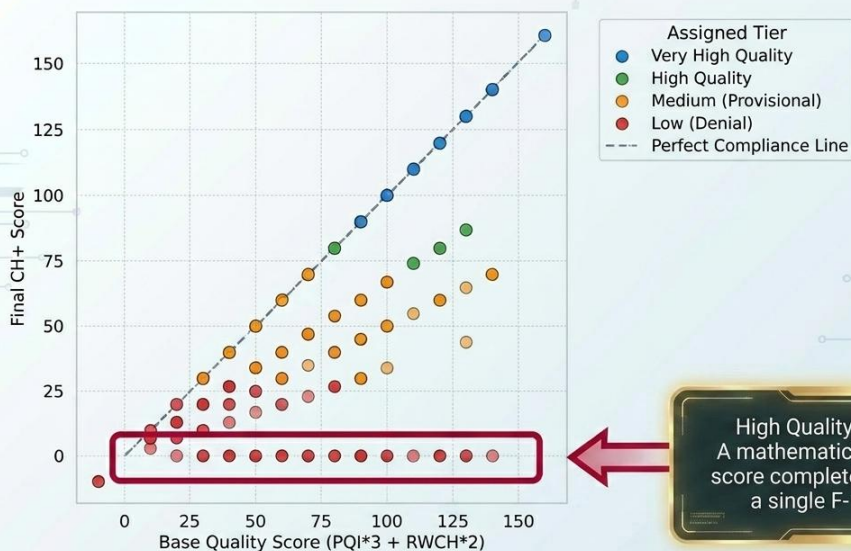
High program quality can never mathematically offset a severe safety risk.



By explicitly separating foundational baseline scores from risk reduction multipliers, the protocol eliminates arithmetic ambiguity. A dangerous program can no longer average out to a passing score.

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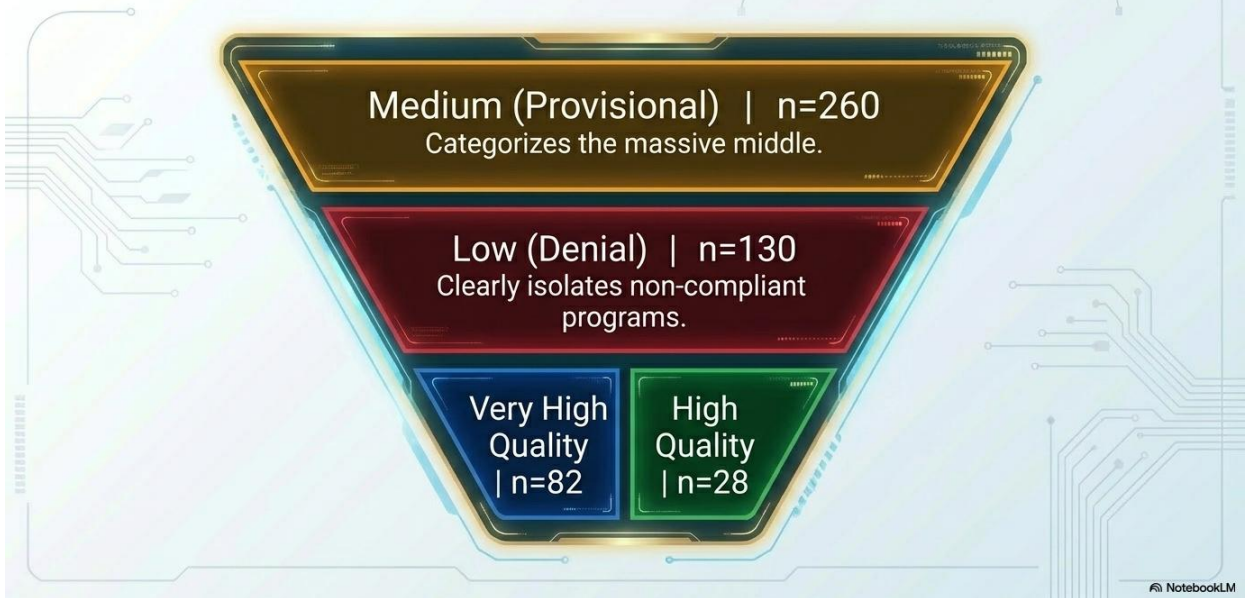
Empirical Proof: The Nullification Drop-off



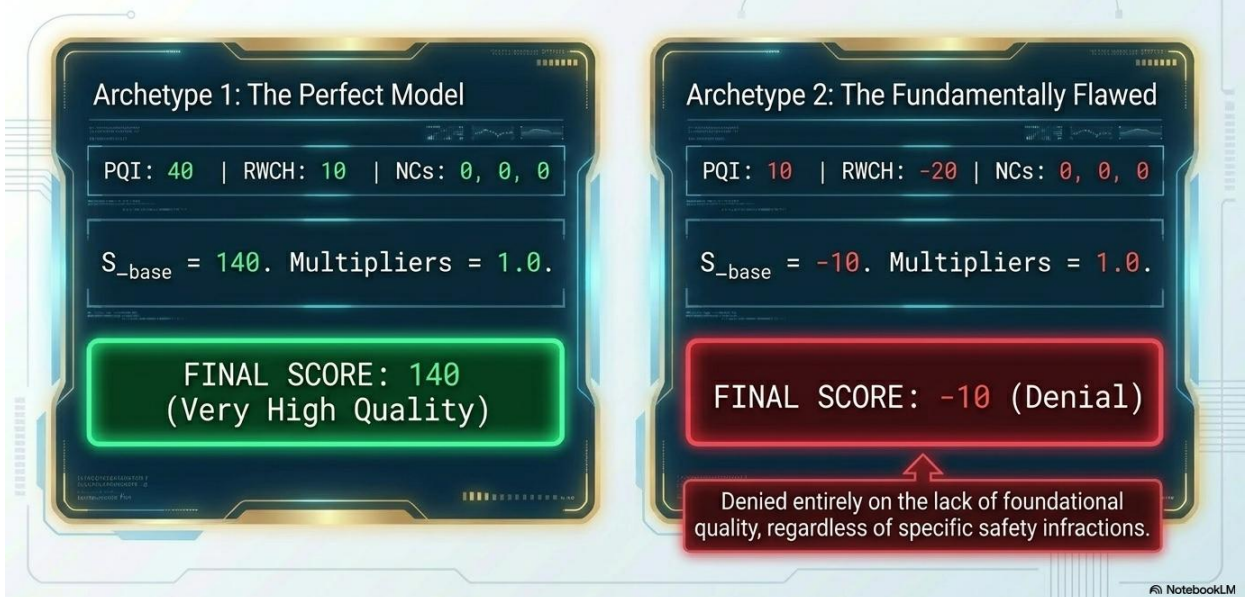
High Quality, Fatal Flaw:
A mathematically high base score completely nullified by a single F- violation.

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System Output: The Tier Distribution Funnel



Provider Archetypes in Action (1/2)



Provider Archetypes in Action (2/2)

Archetype 3: The High-Risk Outlier

PQI: 30 | RWCH: 20 | F-: -1

S_{base} is a massive 130. But M_{F-} triggers a 0 multiplier.

FINAL SCORE: 0 (Denial)

High baseline quality instantly nullified by a single major safety violation.

Archetype 4: Death by a Thousand Cuts

PQI: 20 | RWCH: 0 | F+: -3

$S_{base} = 60$. But 3 minor infractions drop the M_{F+} multiplier to 0.

FINAL SCORE: 0 (Denial)

Minor errors ignored individually, but penalized when systemic.

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Seamless Digital Integration

PQI	RWCH	FC	F-	F+
40	10	0	0	0

Multipliers

1.0

1.0

1.0

FINAL CH+ β SCORE: 140 | Very High Quality

The modular format allows for effortless integration into digital scoring systems, empowering field regulators with instant, standardized calculations.

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A Standardized Future for Regulatory Oversight



Mathematical Rigor

Moving beyond binary checks to nuanced scoring thresholds.



Risk Calibration

Effectively mitigating both false negatives and false positives in decision-making.



Equitable Outcomes

Replacing subjective committee reviews with balanced, data-driven differentiation of high-performing providers from high-risk anomalies.

The CH+ β Protocol ensures a balanced, transparent, and scalable system for protecting health and safety in early care and education.

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