## Holy Grail of Regulatory Science

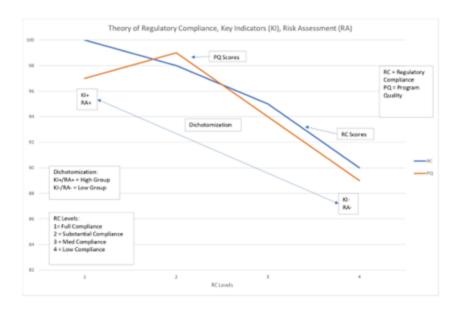
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The holy grail of regulatory science is identifying the "Right Rules". This presentation will provide a regulatory compliance theory of diminishing returns and its supportive methodologies in doing just that.





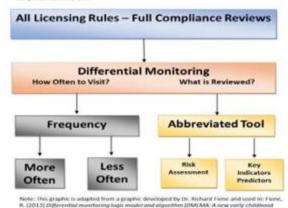
#### Regulatory Compliance's Differential Monitoring Approaches

Manitoring Strategies for Determining Compliance

July 2014

There are a variety of methods that many States are using, often incombination, in their muniforing and enforcement of liceosing rules and regulations. This report explores these methods:

- Differential Monitoring: A regulatory method for determining the Dequency or depth of monitoring based on an assessment of a facility's biology of compliance with rules;
- Full and Abbreviated Compliance Reviews: Conducting an impection by monitoring of rules (full review) or a selected set of rules (Jabbreviated review);
- Risk Assessment: An approach that focuses on identifying and monitoring those rules that place children at greater risk of montrity or morbidity if violations or citations occur; and
- Key indicators: An approach that focuses on identifying and monitoring those rules that statistically predict compliance with all the rules.



The relationship among these methodologies is often confused, partly because of varying definitions. The graphic below ceptains the relationship of the methodologies with differential monitoring as the overanthing approach and risk assessment and key indications on types of allereviated compliance.

program quality indicator model (CCPOM4):D for early care and education regulatory agencies, Middletown, PA: Besearch Institute for Key Indicators.

National Center on Child Care Quality Improvement, A Service of the Office of Orlid Care 9300 Lee Highway, Fairfax, VA, 2203 1 Phone: 877-296-230 1 Enall: OCCQualityCenteriticfi.com

			Key Indicators	Key Indicators
Relationship of Key Indicators and Risk Assessment and Weighting in Differential Monitoring Matrix			Yes	No
			Differential Monitoring	Uniform Monitoring
Weighting	Yes	Differential Monitoring	Substantial Regulatory Compliance	Risk Assessment
Weighting	No	Uniform Monitoring	Full Regulatory Compliance	Comprehensive Review

# Uncertainty-Certainty Matrix (UCM) Regulatory Compliance Logic Model

UCM Matrix Logic		Decision (D) Regarding	Regulatory Compliance
		(+) In Compliance	(-) Not In Compliance
Actual State (S) of	(+) In Compliance	Agreement	Disagreement
Compliance	(-) Not In Compliance	Disagreement	Agreement

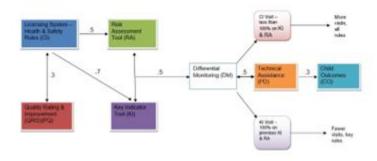


# Regulatory Compliance Scales and Program Monitoring Systems

Scoring Level	<u>Individual Rule</u>		Aggregate Rules	<u>Individual Rule</u>
<u>Scale</u>	Instrument based	<u>Scale</u>	Differential	Integrated
7	Full Compliance	7	Full Compliance	Exceeds Compliance
-		5	Substantial	Full Compliance
-		3	Mediocre	Substantial
1	Out of Compliance	1	Low	Mediocre/Low



## Regulatory Compliance Improvement and Indicator Model



$$\sum CI \times \sum PQ \Rightarrow \sum RA + \sum KI \Rightarrow \sum DM + \sum PD \Rightarrow CO$$

#### **References:**

Fiene, R. (2023). <u>Licensing Measurement and</u>
<u>Monitoring Systems: Regulatory Science Applied to</u>
<u>Human Service Regulatory Administration</u>, National Association for Regulatory Administration, Licensing Curriculum, Fredericksburg, Virginia.

Fiene, R. (2022). Regulatory Compliance Monitoring Paradigms and the Relationship of Regulatory Compliance/Licensing with Program Quality: A Policy Commentary. *Journal of Regulatory Science* 10, no. 1, 1-7. <a href="https://doi.org/10.21423/JRS-V10A239">https://doi.org/10.21423/JRS-V10A239</a>

Fiene, R. (2019). A treatise on theory of regulatory compliance, *Journal of Regulatory Science*, *7*, *no.* 1, 1-3. https://doi.org/10.21423/JRS-V07FIENE



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