



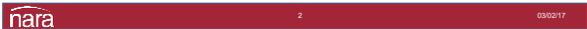
Key Indicator Systems

Overview



Why Study Measurement Systems?

- Acquaint with the 'science and art' as it relates to regulatory administration and licensing functions;
- Measurement is a new key element in our "information age";
- Basis for:
 - Design and implementation of information systems;
 - Conducting on-site inspections including making observations, interviewing and completing investigations.



Introduction

- Measurement within regulatory work has significantly changed over the years
- Has moved from a *Qualitative* approach to a **Quantitative** Approach



History

1970's

- Revision of the Federal Interagency Day Care Regulation (FIDCR)
- Checklists
- Inception of rating scales

1980's

- Cut back in funding
- Checklists were developed in response to funding cutbacks
- Inception of Indicator Systems

1990's and Beyond

- Becoming more Popular
- Have been used for Accreditation and National Standards Settings
- Basis for Outcome based systems— Outcomes vs. Process
- Experiential

Key Terms



- Instrument Based Program Monitoring
- Indicator System
- Inferential Inspections or Differential Monitoring
- Checklists
- Rating Scales
- Weighting Systems
- Outcome Based Systems

What are Key Indicator Systems, and How Do They Work?

Key Indicator Systems are a kind of **targeted measurement tool**. Targeted measurement tools are licensing inspection instruments that increase the **effectiveness and efficiency** of a regulatory oversight agency without producing recurring operational costs. In other words, targeted measurement tools maximize performance while minimizing costs.

Key Indicator Systems

- The licensing indicator system uses a tool designed to measure compliance with a small number of regulations that predicts compliance with all the regulations.
- The indicator regulations are selected based upon a statistical methodology, designed for this specific purpose. If a child care facility is in complete compliance with all the regulations selected and measured in the licensing indicator tool, high compliance with all the regulations is statistically predicted.

The Key Indicator Inspection Process

1. **Identify eligible providers.** Not all providers are eligible for indicator inspections. Exclusionary factors are developed through agency policy as an added means of quality assurance.
2. **Conduct an inspection measuring compliance with the statistically-identified indicator regulations.**
3. **Measure regulations identified at random in addition to the statistically-identified indicator regulations.** Additional regulations are identified at random as an added means of quality assurance.
4. **Expand the scope of the inspection if necessary.** Indicator inspections may become full inspections if violations are identified.

Main Types of Targeted Measurement Tools

1. **Weighted Risk Assessment** assigns weighted scores to licensing regulations based on the level of risk to persons in care in the event of regulatory noncompliance.
2. **Key Indicator Systems** identify a subset of licensing regulations that statistically predict compliance with the entire set of regulations.
3. **Quality Indicator Systems** identify a subset of licensing regulations and other non-regulatory factors to predict the overall quality of care provided in a licensed setting.
4. **Differential Monitoring** uses weighted risk, licensing indicators, and quality indicators to determine the number and scope of inspections that should be conducted at a licensed setting.



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The Benefits of Key Indicator Systems

- **The regulatory oversight agency** is able to spend more time monitoring and providing technical assistance to noncompliant providers by spending less time in compliant programs.
- **Providers** benefit from shorter inspections by maintaining compliance.
- **Persons in care** enjoy a higher degree of health and safety protection.
- **The public** is assured that strong licensing continues even if resources are reduced.
- **Compliments** but does not replace the current licensing program.



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