MIROW Principles and Business Rules Reports

Support Document

September 2022

Background

The [Modeling of Immunization Registry Operations Workgroup (MIROW)](#) has developed 12 guidance documents with over 375 principles and business rules. Principles reflect business guidelines, practices, or norms that we choose to follow. Business rules represent specific requirements and decision-making logic for IIS processes and operations. The purpose of the reports is to provide the ability to search for information across all MIROW guides via a consolidated report on principles and business rules. The reports will potentially result in a more efficient search experience across the guides and limit the number of guides a reader needs to reference for further review.

Limitations

- Principles and business rules are not developed to stand alone, and they benefit from the context provided in the guidance documents. The reports are intended as an index for the guides, pointing to a section of a particular guide for the more detailed information, allowing readers to narrow their search.
- Many of the principles and business rules in the reports are taken directly from the existing guidance documents and have not been updated in any manner.
- With the exception of guides Business Continuity (2019) and Data Quality Assurance (2022), the principles and business rules do not currently reflect the updated terminology developed in the [MIROW common vocabulary](#). Therefore, the vocabulary used in the business rules varies from guide to guide. Multiple searches using different terms or variations of a term may be required to complete an inquiry.

- The simple report presents only the rule statement, which might not always be sufficient. There is often additional information available for a business rule, which can be found in the advanced report.
- Frequently a business rule is used as a pointer to another, more detailed section of the guide. This information is contained in the remarks and/or references portion found in the advanced report.
- The reports include business rules that are considered "active." Some business rules may be "retired" if an updated guide has replaced them. "Retired" rules will not appear in the reports.

Report Legend

The following report legend provides an explanation of each item captured in support of each term. Note each term will have some or all the items completed as appropriate.
- The simple report contains just the Rule ID - Title and Rule Statement.
- The advanced report contains all of the items listed in the following table.

Label	Description
Rule ID	There are three parts to a rule ID: • The first part is an indication of the guide where the business rule originated (see below for a list of the guide acronyms). • The second part indicates whether the statement is a principle (P) or a business rule (BR). • Third is a number unique within the guide. The Rule ID is followed by a title that is a short description of the rule statement.
Rule Statement	The original business rule statement as found in the guide.
Remarks	An observation intended to further explain a business rule. The remarks are a subset of the original comments found in the guide.
Example	A sample that may be taken as typical or representative of a business rule.
References	A list of additional items within the guide that are relevant to the business rule.
Action on Rule Violation	A recommendation of an action that should be taken if the business rule is broken (violated).

MIROW Guide Reference

The following MIROW guide reference provides a reference for each of the MIROW guides, the name of each guide, as well as the acronym used as a reference in the term reports.

Acronym	Guide Name
DQA2022	Data Quality Assurance in Immunization Information Systems
BC2019	Business Continuity Planning for Immunization Information System Programs
MPS2019	Management of Patient Status in Immunization Information Systems
CR2017	Consolidating Demographic Records and Vaccination Event Records
DINV2016	Decrementing Inventory via Electronic Data Exchange
DLE2011	Immunization Information System Collaboration with Vaccines for Children Program and Grantee Immunization Programs
INV2012	Immunization Information System Inventory Management Operations
RR2009	Reminder/Recall in Immunization Information Systems
VD2006	Vaccination Level Deduplication in Immunization Information Systems

Scenario for Using the Reports

Overall, business rule reports aim to simplify search for IIS operational best practice recommendations through MIROW guides, as well as to improve efficiency and user-friendliness of searching for such information. The following is a general scenario as well as a specific example illustrating the search through the reports.

Scenario starts when an IIS community member decides to reference MIROW guides on a certain issue/theme.

1. IIS community member identifies there are business rules related to the issue/theme of interest.
   a. IIS community member opens and searches one of the reports with key words related to the issue/theme, using a standard MS Word search mechanism.
      i. In some cases, identified business rules contain sufficient information for the original purpose of the IIS community member. Scenario ends.
      ii. In other cases, the information provided by identified business rules is not sufficient. Scenario continues.
         1. A possible escalation of search can be used: from a simple report (contains minimal information, easy to glance over) to an advanced report (contains comprehensive business rule information, harder to glance over).
2. IIS community member locates information related to the issue/theme in the MIROW guide(s) pointed to by identified business rules.
   a. IIS community member uses identified business rules as pointers to specific sections of the MIROW guides where information about the issue/theme is located.
      i. Identified business rules serve as initial entry points to study the information in the guides.
      ii. Scenario ends.