

Appendix: Example Data Elements

More information for successful H.R. 1 implementation

When producing metrics for H.R. 1 implementation, it's important to capture data elements—the building blocks of metrics. Below, we've outlined two categories of elements related to H.R. 1 implementation and example elements that fall inside them.

These elements are starting points. Consult with your policy, data, and engineering teams to determine if these elements are appropriate for your state's use case!

Refer back to our blog [Metrics That Matter For States Under H.R. 1](#) to see these concepts in context.

Status elements

Status elements capture what status a person or case is in. Status elements are typically **mutable**—meaning they are overwritten when they change, and the previous value is not saved.

- **Enrollment status**
 - **Type:** boolean
 - **Description:** TRUE if the person is enrolled in the program and receiving benefits, FALSE otherwise.
- **Exemption status**
 - **Type:** boolean
 - **Description:** TRUE if the person is exempt from work requirements, FALSE otherwise.
- **Exemption reason**
 - **Type:** Enumerable value
 - **Possible values:** One for each exemption type; for example, CHILD, PREGNANCY, MEDICALLY_FRAIL, etc.
 - **Description:** This element captures the reasons someone is exempt from work requirements.
 - **Notes:** Someone may be exempt for multiple reasons—it may make sense to structure this as a “one-to-many” relationship with a person.
- **Compliance status**
 - **Type:** boolean
 - **Description:** TRUE if the person is currently compliant with work requirements, FALSE otherwise.

- **Notes:** Exemption status should always be utilized in conjunction with compliance status. For example, the number of people who are non-compliant should be the people for whom exemption status is FALSE *and* compliance status is FALSE.
- **Compliance reason**
 - **Type:** Enumerable value
 - **Possible values:** One for each compliance type; for example, INCOME, WORK_HOURS, EDUCATION_HOURS, COMBINATION, etc.
 - **Description:** This element captures how a person’s compliance with the work requirements was determined.
- **Compliance data source**
 - **Type:** Enumerable value
 - **Possible values:** One for each data source that informs compliance; for example, DEPT_OF_LABOR, SSA, SELF_ATTESTATION, etc.
 - **Description:** This element captures the data source(s) used to determine a person’s compliance with work requirements.
 - **Notes:** Multiple data sources may be used to determine compliance, especially when a person is compliant via a combination of activities. It may make sense to structure this as a “one-to-many” relationship with a person.

Lifecycle elements

Lifecycle elements capture what events impact a person or case. These elements are typically **immutable**—meaning they are saved over time in a “log” or running list.

All of these attributes should be stored along with the event-specific information:

- **Date** (or timestamp) of the event
- **Case or person ID** that the event impacted

The following event types should be considered lifecycle elements:

- **Enrollment status changes**
- **Exemption status changes**
- **Compliance status changes**
- **External system interactions** (Interface hits)
- **Communications to/from clients**
- **Documentation uploads**