

# 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**