

**Project Name**

**Business Process Matrix Template**

**Business Process Name**

OBJECTIVES	BUSINESS RULES	TRIGGER	TASK SET	INPUT	OUTPUTS	MEASURABLE OUTCOMES
<p>A concrete statement describing what the business process seeks to achieve. A well-worded objective will be SMART: Specific, Measurable, Attainable/Achievable, Realistic, and Time bound.</p>	<p>A set of criteria that defines or constrains some aspect of the business process. Business rules are intended to assert business structure or to control or influence the behavior. Examples in healthcare and public health include laws, standards, and guidelines.</p>	<p>An event, action or state that indicates the first course of action in a business process. In some cases, a trigger is also an input.</p>	<p>The key set of activities that are carried out in a business process.</p>	<p>Information received by the business process from external sources. Inputs are not generated within the process.</p>	<p>Information transferred out from a process. The information may have been the resulting transformation of an input, or it may have been information created within the business process.</p>	<p>The resulting transaction of a business process that indicates the objectives have been met.</p>

## Digital Bridge Electronic Case Reporting

### Business Process Matrix

#### eCR Information Exchange

GOAL	OBJECTIVES	BUSINESS RULES	TRIGGER	TASK SET	INPUTS	OUTPUTS	MEASURABLE OUTCOMES
<ul style="list-style-type: none"> <li>A national interoperable system that enables timely, more efficient sharing of public health reportable information among healthcare providers and public health authorities to improve population health</li> </ul>	<ul style="list-style-type: none"> <li>To establish a bi-directional information exchange process among health care providers and public health agencies for more timely, efficient, and complete information sharing on public health reportable incidents</li> <li>To establish a bi-directional information exchange process among health care provider and public health that is scalable, extensible, and flexible to allow for evolving communication needs amongst various public</li> </ul>	<ul style="list-style-type: none"> <li>eCR should represent active condition (not a condition from patient's history)</li> <li>Specifications:               <ul style="list-style-type: none"> <li>National health IT standards (need specificity)</li> <li>ONC eCR guide (vocabulary, message/ documents, transport)</li> <li>Meaningful Use Stage 3</li> <li>Certified EHR Technology</li> <li>HIE requirements</li> <li>Non-technical specifications</li> <li>List of reportable conditions</li> </ul> </li> <li>Laws               <ul style="list-style-type: none"> <li>State and local reporting laws and regulations</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Currently coded patient information automatically matched to public health trigger criteria</li> <li>Manual initiation of the electronic case report</li> <li>Request for supplemental information (request from public health to clinician in response to ELR or eICR) – <i>Future state</i></li> </ul>	See Taskflow diagram	<ul style="list-style-type: none"> <li>Public health reporting criteria</li> <li>Public health eCR trigger codes</li> <li>Clinical and patient information input</li> <li>Public health intervention and clinical/ treatment guidelines</li> <li>Decision Support Tools (e.g., RCKMS)</li> </ul>	<ul style="list-style-type: none"> <li>Initial electronic case report message(s)</li> <li>Notice(s) of reportability               <ul style="list-style-type: none"> <li>May include: public health intervention and treatment recommendations, request for supplemental information</li> </ul> </li> <li>Request for supplemental clinical information</li> <li>Response to request for supplemental information</li> </ul>	<p>Health Provider outcomes:</p> <ul style="list-style-type: none"> <li>Reduction in unreported public health cases</li> <li>Reduction in missing data elements for public health cases</li> <li>Reduction in manually reported public health cases</li> <li>Reduction in time between case recognition and creation of a case report</li> </ul> <p>Patient outcomes:</p> <ul style="list-style-type: none"> <li>Proper education/ treatment/ intervention</li> </ul> <p>Public Health outcomes:</p> <ul style="list-style-type: none"> <li>Earlier awareness of reportable disease</li> <li>Earlier case detection</li> </ul>

	health reporting regulations	<ul style="list-style-type: none"> <li>○ HIPAA</li> <li>● Guidelines</li> <li>○ Clinical guidelines</li> <li>○ Interoperability enterprise architecture design best practices</li> </ul>					and reporting <ul style="list-style-type: none"> <li>● Fewer unreported cases or incomplete case reports</li> <li>● More rapid public health action</li> <li>● Reduction in person-hours/costs to meet public health reporting regulations</li> <li>● Reduce morbidity and mortality</li> </ul>
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