GovCMS RaC PoC - Change Management Matrix

Change Scenarios incl. examples	Category of Change	Short Description of System Changes	System Components or Processes that may likely be affected									
			Rules Codification Workshop	Openfisca Rules Change	Openfisca Rules API	Drupal Rules Form Content Change	Drupal Related Content Change	Drupal Rules Content API	Openfisca Application Change	Drupal Module / Application Change	Web Frontend UI Change	Downstream Integration Change
eg: Minimum age eligibility for the vaccine changes from 5 to 3	Parameter Change	This is a relatively simple parameter change and an OpenFisca code deployment; Drupal form questions or results content is unlikely to be affected	Y	Y		N	N		N	N	N	??
New Age Category added eg - 3 to 5yo added	New Formula	A new age bracket for 3 to 5 year olds logic must be added to OpenFisca parameters and variable formulas.	Y	Y		N	N		N	N	N	??
Different vaccine requirements introduced for different categories of people eg. - Pregnant women recommended an additional dose to be up to date	Variable Formula Change	New variable pregnant_women added to OpenFisca code. New parameter added for pregnant women recommended doses Update existing variable formulas to use new variable and parameter in logic; Drupal form questions are likely to be affected	Y	Y		Y	N		N	N	N	??
Age Category Change eg - 5 to 12yo changes to 5 to 16yo	Variable Formula Change	Update current age bracket for 5 to 12 year old to 5 and 16 year old logic by updating OpenFisca parameters and variable formulas. Drupal form questions or results content is unlikely to be affected	Y	Y		N	N		N	N	N	??
Period since last COVID infection is changed eg from 3 months to 2 months	Parameter Change	This is a relatively simple parameter change and an OpenFisca code deployment. This parameter is implemented as a field in the Drupal form content meaning that the updated number will automatically carry through to the end user UI without the need for a Drupal content change or Drupal app deployment	Y	Y		N	N		N	N	N	??
Period since last COVID vaccination is changed eg from 6 months to 4 months	Parameter Change	This is a relatively simple parameter change and an OpenFisca code deployment; Drupal form questions or results content is unlikely to be affected	Y	Y		N	N		N	N	N	??
Additional vaccine dose required for certain age groups eg - 12-15yro now require 3 doses to be 'up do date'	Parameter Change	This is a relatively simple parameter change and an OpenFisca code deployment; Drupal form questions or results content is unlikely to be affected	Y	Y		N	N		N	N	N	??
New type of vaccine eg Omicron specific vaccine replaces existing vaccine as the recommended vaccine OR New vaccine is added to the 'approved' list (not recommended but approved)	Enum Change Variable Formula Change	Add a new type of Vaccine to the Enum (List) of approved vaccine providers to OpenFisca. Update variable formulas to include the new approved vaccine for the required age bracket to OpenFisca; Drupal form results content will unlikely need to be updated	Y	Y		N	N		N	N	N	??
An industry sector is added or removed for mandatory vaccination requirements eg. - Child care teachers in Victoria are required to be be tripple dosed	Variable Formula Change	A new parameter added for childcare teachers recommended doses Update existing variable formulas logic to add a new sector and use the new parameter; Drupal form will likely need to be updated	Y	Y		Y	N		N	N	N	??
Change of rules as of a date nominated some time in the future	Parameter Change	OpenFisca is designed to handle parameter changes at one or more future points in time. All parameters are tagged with a date meaning the only the affected parameters need to be added to OpenFisca; Drupal form questions or results content is likely to be affected	Y	Y		Y	N		N	N	N	??
Rename an OpenFisca parameter/variable eg rename the variable covid_vaccination_mandatory to covid_vaccination_work_mandatory (CRUD variables)	Variable Change	This is a breaking change which can be implemented by creating a new field and deprecating the old field to support backward compatibility; will require comms to downstream technical stakeholders; Drupal forms may need to be updated	N	Y		Y	N		Y	Y	N	??
Openfisca maintenance eg - security update - feature enhancement - bug fix	Application Change	Standard application maintenance routines would apply	N	N		N	N		Y	N	N	??
Drupal maintenance eg - security update - feature enhancement - bug fix	Application Change	Standard application maintenance routines would apply	N	N		N	N		N	Y	??	??

Resource Roles & RASCI	Rules Codification Workshop	Openfisca Rules Change	Drupal Rules Form Content Change	Drupal Related Content Change	Openfisca Application Change	Drupal Module / Application Change	Web Frontend UI Change	Downstream Integration Change
Project Manager	S	S	S	S	S	S	S	S
Rules Owner	A	I	I	I				
RaC Product Owner	C	A	A	A	C	C	A	S
Solution Architect		C	S		A	A	S	S
Policy Representative	R							
Business/Rules Analyst	C	S	S	S				S
Service Designer	S		C	C			C	
Openfisca Content Editor/Developer (Python)	I	R			R			S
Drupal Content Editor	S	C	R	R				S
Drupal Frontend Developer							R	
Drupal Backend Developer		C			C	R	S	S
UI/UX Designer							C	
QA		S	S	S	S	S	S	
Platform Engineer					C	C		
RaC Documentation / Technical Writer	I	I	I		I	I		S
Downstream Stakeholders								AR

RASCI Key	Meaning
R	Responsible - responsible to execute the process (only one R can be assigned to any given process or task)
A	Accountable - accountable/approver of the process (only one A can be assigned to any given process or task)
S	Supports - support the activity/process
C	Consulted - provide valued advice to the activity/process and provides general agreement/approval
I	Informed - informed of decisions and activity/process status. Communication may be in the form of email, standups/meetings, direct message channel notifications, routine reports