# Change tracking for Canada Creative Industries project

This document aims to keep track of the changes project members make. It is intended to be ultra-simple, but may evolve as the project proceeds,

There are three tables: intended changes, actual changes, and ‘matters arising’. Each Change should be numbered and the numbering should be hierarchical. So if for example a table is to be changed by altering the length of two fields, there will be three changes numbered 1 (change the table), 1.1 (change the first field) and 1.2 (change the second field)

# Intended changes

|  |  |  |  |
| --- | --- | --- | --- |
| Item Number | Date proposed | Change proposed | Additional Information (Notes, rationale, etc) |
| 1 | 29 July | Change the coding system |  |
| 1.1 | 29 July | Specify a unified coding system combining IOICC and NAICS codes |  |
| 1.2 | 29 July | Modify GDP Data to encode using the new specification | We only modify one file initially, to verify the dimension table |
| 1.3 | 29 July | Create ‘NewIndustry’ dimension worksheet | Create with the name ‘newIndustry’ and then change the name when this is tested and working. |
| 1.4 | 29 July | Create a project branch to load the data and the new industry dimension |  |
| 1.5 | 29 July | Create a new worksheet ‘IOICC splitter’ | This will split out the creative codes from the GNAICS data before these are entered into the Fact table |
| 1.6 | 29 July | LFS data |  |
| 1.3.1` | 29 July | Change Mapping.xls to an xlsx File |  |
| 1.3.2 | 29 July | Edit OLTP Tables and Views to accept the new industry dimension |  |
| 1.3.3 | 29 July | Load the new industry dimension from an xlsx workbook | Initially, just create a new connection manager then migrate all the dimensions one by one |
| 1.7 | 29 July | Load the new GDP data into ‘new fact’ table | Later, switch out the old fact table |
|  |  | Create a new Industries query and verify it |  |
|  |  | Load the other dimensions from xlsx workbook |  |
|  |  | Switch out the old fact table |  |

# Actual changes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date and time | Reference | Item affected | Detail | Result |
| 29/07/2020 17:30 |  | DOCUMENTS\Uniform Coding.docx | A file describing the coding system |  |
| 29/07/2020 17:30 |  | SOURCE DATA\Uniform Coding System\GDP deconstructed IOICC codes.xlsx | A hierarchy constructed from GDP data and NAICSALL in MAPPING.xlsx |  |
| 29/07/2020 18:06 |  | SOURCE DATA\GDP 2020.xlsx | Derived from download of Table 36100402 (download choice 'all data'). Contains all indicators and data from 1997 to 2019. |  |
| 29/07/2020 22:40 |  | SOURCE DATA\MAPPINGS.xlsx  IOICC hierarchy | Recoded with PNAICS code  Split codes added |  |  |  |
| 29/07/2020 22:40 |  | SOURCE DATA\MAPPINGS.xlsx  IOICC Splitter | New version of IOICC to ANAICS  Works differently | Need to revise the view  Revisit the split factors |
| 29/07/2020 22:40 |  | SOURCE DATA\MAPPINGS.xlsx  dimNewIndustries |  |  |
| 29/07/2020 22:40 |  | Data stage complete; commit and push to origin |  |  |
| 29/07/2020 22:40 |  | New MAPPINGS connection manager created | Also paramaterised |  |
| 29/07/2020 23:58 |  | Old Mappings connection manager deleted |  |  |
| 29/07/2020 23:58 |  | SCRIPTS\CREATE OLTP TABLES  SCRIPTS\CREATE OLTP VIEWS | The scripts now refer only to the new tables and have a minimal View for industries only.  The old tables remain in the source (MAPPINGS.xlsx) for reference but are no longer uploaded to the database | Scripts successfully ran  MAPPINGS |
|  |  |  |  |  |