# Change tracking for Canada Creative Industries project

October 6 – further overhaul

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,

In this round, the change-track system of the microhistory project is adopted. This allows us to distinguish between updates and bug-fixes

# Intended changes

### Improvements

* 1. Introduce DateTime field rather than a Year field

### Routine maintenance and debugging

* 1. There should be a separate package to set up all tables (both map and data). This is necessary because, with a clean start, all (or most) tables are needed before either main package can run
  2. Rationalise the naming of the foreign and primary keys. These are very confusing at present
  3. Check missing data for lower level NAICS codes in LFS. We need to modify the industry dimension to use higher level codes where the low-level codes are missing
  4. Total jobs is named ‘Total Number of Jobs’ in P & H
  5. An indicator ‘contribution to percentage changed’ has appeared
  6. ‘Workforce’ doesn’t seem to appear from the LFS data

### Data

* 1. LFS monthly, updated to July
  2. LFS annual updated to 2020
  3. P & H updated to 2020
  4. Nominal GDP updated to 2020

### Tests

### Tidying up

### Visualisations

# Actual changes

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| --- | --- | --- | --- | --- |
| Action | Date | Status | Commit Title | Tests |
| 2a | 6/10/2020 | Done | GDP 2020 table added, integrated table and map creation | Complete run through and checked with SSMS. Whole thing is rather buggy, due to Visual Studio but maybe something underneath the hood is wrong |
| 1a,2b,3a,3d | 6/10/2020 | Done | LFS Monthly Incorporated | Test201007.xlsx. A variety of charts and analyses constructed. I’m still concerned about how to handle the missing data in some of the lower level NAICS codes. Made this a bug |
| 3c | 8/10/2020 | Done | P & H Incorporated | TEST 201008.xlsx. Minimal test only – refresh pivot and see if P&H data is there. NOTE P&H data NOT verified correct. |
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