

T1FF+ Redesign

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Overview

- Databases: T1FF, APIM, LAD, T1FF+
- Context
- Changes and advantages of the redesign
- Impacts on timelines for the 2024 reference year (RY)

Databases



Databases – T1 Family File

- The T1 Family File (T1FF) is a database of T1-tax filers grouped together into census families, with non-filing children and spouses.
- The T1FF publishes approximately 40 tables on the Statistics Canada website, and customized tables are available upon request.
- The T1FF is a source of data that is frequently integrated with surveys and administrative data sources at Statistics Canada.



Databases – Longitudinal Administrative Databank (LAD)

- The Longitudinal Administrative Databank (LAD) is a longitudinal file designed as a research tool on income – and contains a limited number of demographic characteristics.
- The LAD comprises a random longitudinal sample of 20% of filers from the annual T1 Family File and their families.
 - The random nature of the sample selection is important for the representativeness of the population.
- The LAD can be integrated with survey and administrative data sources at Statistics Canada, primarily for use as a comparison group or for residual group analysis.

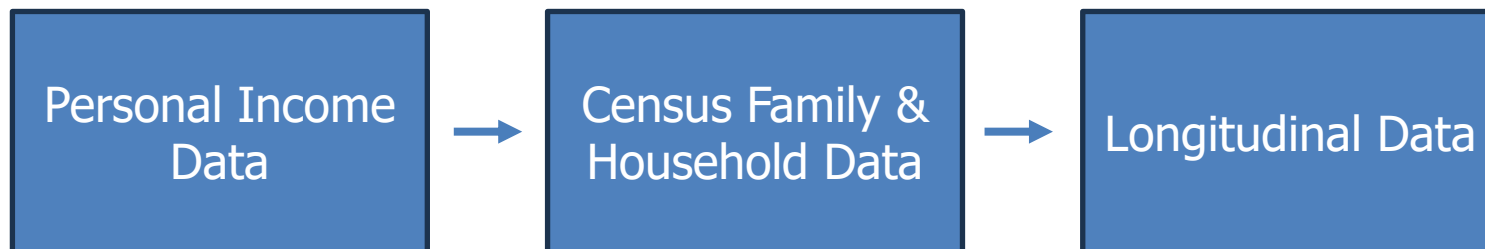


Databases – Administrative Personal Income Masterfile

- The Administrative Personal Income Masterfile (APIM) is a comprehensive source of personal income data generated from tax returns and associated federal tax slips.
- APIM is a data source primarily used to integrate income information with surveys and administrative data sources at Statistics Canada.
- The mandate of APIM is not to publish tabulated data directly.

What is the T1FF+

- Currently:
 - APIM (2016+) = Personal income data
 - T1FF (1982+) = Family income data & detailed geography
 - LAD (1982+) = Longitudinal data
- T1FF+



Context



Phases

- 2024-25 – Exploration, evaluation, and consultation phase
 - Intensive consultations with internal and external users
 - Exploration of concepts and possible modifications
- 2025-26 – Development phase
 - Data exploration
 - Creation of specifications for new modules
 - Continuation of user consultations
- 2026-27 – Production phase
 - Internal prototype for exploration, documentation, and validation
 - Production of the microdata

Consultations

- Internal consultation for users of APIM, T1FF, and LAD
 - At the variable level (e.g., who uses which variable and why)
 - At the concept level (marginal populations, deceased persons, children, etc.)
- External consultation with client
- Ongoing consultation

Changes and advantages of the redesign

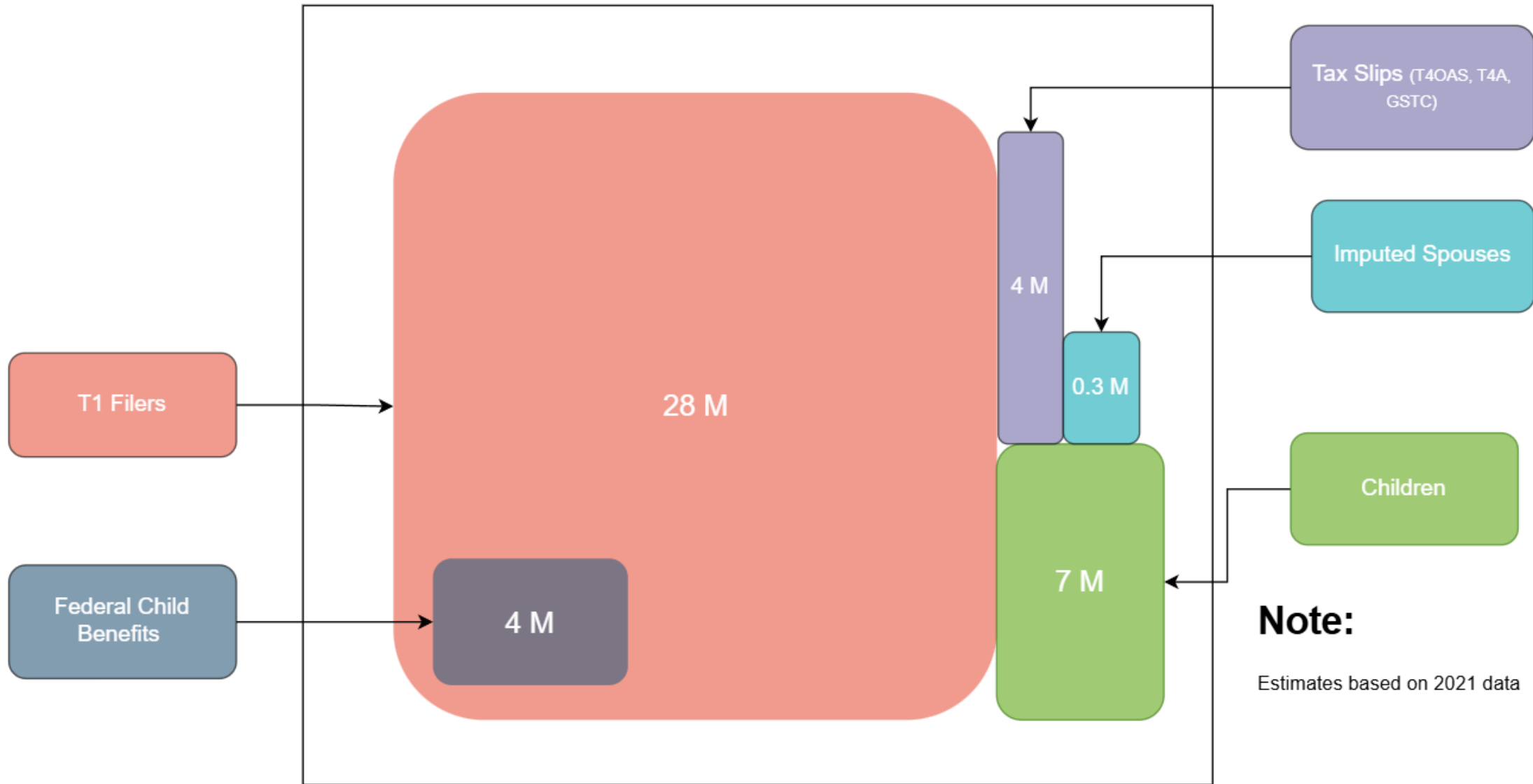


T1FF+ Population

- Expansion of the population universe to include fiscally active individuals and their families.
 - Inclusion in the database of all individuals who have filed a tax return or received a tax slip (e.g., T4, T4E, T4A, T4RSP, T5).
 - Inclusion of all dependents (federal child benefits / spouse based on tax information).
 - All families with a member who is fiscally active will be included.
 - The impact on the LAD population is still to be assessed.



T1FF+ Population



Imputation

- Improved data quality through more detailed verification and imputation
- Careful detection of outliers and quality indicators for users
- Imputed information for individuals with tax slips but who have not filed a tax return
- Improved data quality exploration and data corrections



Variables and concepts

- Increased accuracy of certain government transfers thanks to other data sources
- Adjust the number of variables available/processed
 - The T1FF processes over 1,000 variables - several duplicates and unused concepts
 - The T1FF+ will process approximately 300 variables
 - Focus on main income concepts + demographic concepts.
 - Concepts available in our publications and in the RDCs will generally remain available.



Geography

- The geography of T1FF/LAD is based on the postal code.
- The geography of T1FF+ will be based on the address itself as much as possible.
 - Better defined and more accurate low-level geographies.
- The postal code will still be available, but postal geographies (postal city, urban routing areas (URAs), rural communities) will no longer be published.



Households

- Because of the more precise addresses, we will explore the possibility of creating households.
- Households will be an analytical unit that groups together families providing the same mailing address to the Canada Revenue Agency.
- As with families, the concept of households may differ slightly from that used in the census due to the source of information and methodology.



Publication redesign

- New web tables with new information / improved population coverage
 - Some tables with comparable historical data
- New technical reference guide for the T1FF+
- New data dictionary for the T1FF + and the LAD
- New vetting rules for data confidentiality

Modernisation

- Modernization of modules for family, geography, government transfers, edits and imputation, etc.
- Modernization of technical aspects and decisions made over the past 40 years
- Modernization of the LAD processing system

Impact on timelines



Calendrier de diffusion

- The T1FF data release for the 2024 reference year will be delayed for six to eight months, from Spring 2026 to Winter 2027. Census family and small area geography will be available on the T1FF+ early 2027 for both the 2024 and 2025 data.
- The release for 2024 reference year LAD data will be delayed for four to six months.

	Ref Year 2023	Ref Year 2024	Ref Year 2025 (regular schedule)
APIM / T1FF+ Individual	December 2024	December 2025	December 2026
T1FF / T1FF+ Family	July 2025	Winter 2027	Winter 2027
LAD	October 2025	Winter 2027	Spring 2027



Future perspective

- Relevant data earlier in the year
- T1FF+ is more agile
 - Ability to respond more quickly to changes
 - Improvements are easier to implement
- A single source of administrative microdata on the income of individuals, families, and households
- Concepts that align with Statistics Canada standards

If you have any questions, please contact
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