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Growing Up in Ireland AMF Derived Variables for Cohort '98 at 25 years Wave 5

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Fás Aníos in Éirinn
Growing Up in Ireland

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Introduction

This document provides an overview of the derived variables created for Growing Up in Ireland (GUI) Cohort '98 Wave 5 at 25 years. Derived variables are critical for enhancing the analytical power of raw data, enabling researchers to generate meaningful insights that support the project's objectives.

Derived variables are constructed from the original dataset using consistent methodologies designed to preserve data integrity and ensure reproducibility. This includes transformations, aggregations, calculations, and categorizations informed by established practices and the specific requirements of GUI. The variables documented here facilitate streamlined analysis, contribute to more comprehensive research, and align with project standards.

Derived variables described herein aim to enhance the usability of the dataset, empower researchers with new analytical opportunities, and ensure consistent interpretations across studies. Researchers are encouraged to review this document in conjunction with the data documentation for a comprehensive understanding of the dataset's structure and potential applications.

Variables described in this document are grouped into categories. For each category, there is a table listing the variables followed by a description of these variables.

Derived variables

This section describes variables which have been calculated from existing variables in the data previous or current waves to aid analysis.

Derived Variables	
Variable name	Variable Label
c98w5_particp_allwaves	Participated in all waves
c98w5_D_Age	Age of respondent
c98w5_D_HouseholdType	Type of household
c98w5_D_HousingTenure	Housing Tenure of respondent
c98w5_D_HousingTenureParents	Housing tenure of respondent's parents
c98w5_D_LivewithPartner	Respondent lives with a partner
c98w5_NUTS2	Region where respondent lives, 3-fold NUTS2
c98w5_UR_new	Respondent lives in Urban/Rural area
c98w5_D_Renter	Respondent rents property
c98w5_D_sleeplength	Length of sleep on normal weeknight
c98w5_D_WorkatHome	Works from home
c98w5_D_accom_tenure_year	Year respondent started living at current address
c98w5_D_Yearjobstart	Year respondent started main job
c98w5_D_YearSecjobstart	Year respondent started secondary job

Participation in previous waves

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_particp_allwaves	Participated in all waves

Description of variable:

Family (or respondent from wave 5 onwards) participation in previous waves.

Value labels: See codebook

Population: All respondents

Level: Respondent

Age of respondent

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_Age	Age of respondent - wave 5

Description of variable:

This section describes the age of the respondent at the time of interview and is derived from the respondent's date of birth.

Value labels: See codebook

Population: All Respondents

Level: Respondent

Household variables

This section describes the derivation of the following variables:

Variable Name	Variable Label
c98w5_D_HousholdType	Type of household
c98w5_D_HousingTenure	Housing tenure of respondent
c98w5_D_HousingTenureParents	Housing tenure of respondent's parents

Description of variables:

These variables describe the composition of the household as derived from the household grid and the tenure of the property in which the respondent lives. If the respondent has moved out of the parental home the variable is c98w5_D_HousingTenure, if the respondent is living in the parental home the variable is c98w5_D_HousingTenureParents. c98w5_D_HousingType describes the type of household the respondent lives in.

Value labels: See codebook

Population: All respondents

Level: Respondent

Respondent living with partner

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_LivewithPartner	Respondent lives with a partner

Description of variable:

This variable indicates if the respondent has stated that they live with their partner. This is based on the respondents' answers to whether they indicated to be living as a couple, the household grid, the number of persons they report to be living in the household and their relationship status. If the respondent said they were a cohabitee, it was assumed they live with partner even if answer is contradicted by c98w5_No_Pers1.

Value labels: See codebook

Population: All respondents

Level: Respondent

Region

This section describes the derivation of the following variables:

Variable Name	Variable Label
c98w5_NUTS2	Region code - 3-fold classification - NUTS 2
c98w5_UR_new	Respondent lives in Urban/Rural area

Description of variable:

This variable gives the region where the household is located based on the address provided by the respondent.

Value labels: See codebook

Population: All respondents

Level: Respondent

Renter

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_Renter	Respondent rents property

Description of variable:

This variable indicates if the respondent is renting a property derived from the variables c98w5_accom_type, c98w5_OCCUPY, c98w5_total_property_rent, c98w5_your_property_rent, c98w5_pay_rent and c98w5_own_property.

Value labels: See codebook

Population: All respondents

Level: Respondent

Sleep length

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_sleeplength	Length of sleep on normal weeknight

Description of variable:

Respondent was asked hours and minutes of sleep, this variable combines both into one variable for ease of analysis.

Value labels: See codebook

Population: All respondents

Level: Respondent

Work at home

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_WorkatHome	Respondent works from home – at least partially

Description of variable:

This variable is derived from the variable work_locations_perC1 – C4 based on whether or not they spend any time working from home.

Value labels: See codebook

Population: All respondents

Level: Respondent

Length of time living at current address

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_accom_tenure_year	Year respondent started living at current address

Description of variable:

Year respondent moved into/started living at current address derived from the date provided.

Value labels: See codebook

Population: All respondents

Level: Respondent

Year jobs started

This section describes the derivation of the following variables:

Variable Name	Variable Label
c98w5_D_Yearjobstart	Year respondent started main job
c98w5_D_YearSecjobstart	Year respondent started secondary job

Description of variables:

Year respondent started their employment in main and secondary job (if appropriate) derived from the date they started their main and secondary job.

Value labels: See codebook

Population: All respondents

Level: Respondent

Variables derived from questionnaire

The following variables were derived from responses to questions on the questionnaire. They can be used to assist with analysis.

Questionnaire Derived	
Variable name	Variable Label
c98w5_D_FunActivities	Number of activities respondent does for fun
c98w5_D_MedProbTypes	Number of medical problems listed
c98w5_D_PoliticalActivities	Number of political activities respondent engaged in
c98w5_D_PropertyProblems	Number of problems in property
c98w5_D_EMPSTAT	Being in Employment
c98w5_D_WISHMORE	This is a derived variable for the wish to work more than the current number of usual hours
c98w5_D_SEEKWORK	This is a derived variable for searching for employment during the 4 weeks ending in the reference week
c98w5_D_WANTWORK	This is a derived variable for willingness to work even if not searching for employment
c98w5_D_ILOSTAT	This is a derived variable for the ILO employment status

Questionnaire counts

This section describes the derivation of the following variables:

Variable Name	Variable Label
c98w5_D_FunActivities	Number of activities respondent does for fun
c98w5_D_MedProbTypes	Number of medical problems listed
c98w5_D_PoliticalActivities	Number of political activities respondent engaged in
c98w5_D_PropertyProblems	Number of problems in property

Description of variables:

These variables are counts from tick all that apply questions on the questionnaire.

Value labels: See codebook

Population: All respondents

Level: Respondent

Derived variables from economic activity in questionnaire

The following variables are derived from economic activity questions within the questionnaire.

Variable name	Variable label
c98w5_D_EMPSTAT	Being in employment
c98w5_D_WISHMORE	This is a derived variable for the wish to work more than the current number of usual hours
c98w5_D_SEEKWORK	This is a derived variable for searching for employment during the 4 weeks ending in the reference week
c98w5_D_WANTWORK	This is a derived variable for willingness to work even if not searching for employment
c98w5_D_ILOSTAT	This is a derived variable for the ILO employment status

Description of variables:

These variables were derived using the methodology from the Labour Force Survey. These variables were derived using information provided by the respondent on whether they were working in the reference week, their reasons for not working, their age, whether they would like to work more or fewer hours and whether they are looking for work.

Value labels: See codebook

Population: All respondents

Level: Respondent

Administrative data derived variables

The following variables were obtained from administrative data sources.

Variable name	Variable label
c98w5_D_HIGHESTEDUCATION	Highest level of education obtained (per NFQ Level)
c98w5_D_WORKQUINTILE_2021	Income Quintiles for income derived from work only (including self-employment) in 2021
c98w5_D_INCOMEQUINTILE_2021	Income Quintiles for all income (including social transfers and SUSI grants) in 2021
c98w5_D_WORKQUINTILE_2022	Income Quintiles for income derived from work only (including self-employment) in 2022
c98w5_D_INCOMEQUINTILE_2022	Income Quintiles for all income (including social transfers and SUSI grants) in 2022
c98w5_D_inemployQ1_2021	Whether in employment in the first quarter of 2021 (does not include self-employment)
c98w5_D_inemployQ4_2022	Whether in employment in last quarter of 2022 (does not include self-employment)
c98w5_D_Social_Welfare_2021	Received income from Social Welfare in 2021
c98w5_D_Social_Welfare_2022	Received income from Social Welfare in 2022
c98w5_D_PENSION2023	Whether made contribution to Pension in 2023 (self-reporting or Revenue records)

Education related variables

This section describes the derivation of the following variable:

Variable name	Variable label
c98w5_D_HIGHESTEDUCATION	Highest level of education obtained (per NFQ Level)

Description of variable:

This variable combined the below administrative data sources to obtain the highest level of education recorded for the given respondent:

- Higher Education Authority (HEA)
- Qualifications Quality and Qualifications Ireland
- SOLAS
- State Examinations Commission (SEC)

Value labels: See codebook

Population: All respondents

Level: Respondent

Economic related variables

This section describes the derivation of the following variables:

Variable name	Variable label
c98w5_D_WORKQUINTILE_2021	Income Quintiles for income derived from work only (including self-employment) in 2021
c98w5_D_INCOMEQUINTILE_2021	Income Quintiles for all income (including social transfers and SUSI grants) in 2021
c98w5_D_WORKQUINTILE_2022	Income Quintiles for income derived from work only (including self-employment) in 2022
c98w5_D_INCOMEQUINTILE_2022	Income Quintiles for all income (including social transfers and SUSI grants) in 2022
c98w5_D_inemployQ1_2021	Whether in employment in the first quarter of 2021 (does not include self-employment)
c98w5_D_inemployQ4_2022	Whether in employment in last quarter of 2022 (does not include self-employment)
c98w5_D_Social_Welfare_2021	Received income from Social Welfare in 2021
c98w5_D_Social_Welfare_2022	Received income from Social Welfare in 2022

Description of variable:

These variables were derived from administrative data from income related sources. These variables were derived from the following administrative data sources:

- Revenue
- Department of Social Protection
- Student Universal Support Ireland (SUSI)

Value labels: See codebook

Population: All respondents

Level: Respondent

Other administrative data variables

This section describes the derivation of the following variable:

Variable Name	Variable Label
c98w5_D_PENSION2023	Whether made contribution to Pension in 2023 (self-reporting or Revenue records)

Description of variable:

This variable has been derived by combining the variable pension_YN and Revenue administrative data. If the value for pension_YN was missing (after imputation) then it was cross referenced with Revenue's pension records to add those who were recorded as paying into a pension in this administrative data source. Note that the Revenue administrative data includes Retirement Benefit Scheme (RBS), Personal retirement savings accounts (PRSAs), Additional Voluntary Contribution (AVC) and Additional Superannuation Contribution (ASC) plans and does not cover private schemes or other forms of investment.

Value labels: See codebook

Population: All respondents

Level: Respondent