



MetroLink

Transport Infrastructure Ireland

Educational and Jobs Forecasts - Collins Ave

ML1-JAI-TRA-MS09_XX-RP-Y-00003

2024/03/2024



MetroLink

Project No: 32108600
Document Title: Educational and Jobs Forecasts – Collins Ave
Document No.: ML1-JAI-TRA-MS09_XX-RP-Y-00003
Revision: 01
Date: 21/03/2024
Client Name: Transport Infrastructure Ireland
Client No:
Project Manager: Paul Brown
Author: Matthew Foy
File Name: Educational and Jobs Forecasts – Collins Ave

Jacobs Engineering Ireland Limited

Merrion House
Merrion Road
Dublin 4, D04 R2C5
Ireland
T +353 1 269 5666
F +353 1 269 5497
www.jacobs.com

© Copyright 2018 Jacobs Engineering Ireland Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright.

Limitation: This document has been prepared on behalf of, and for the exclusive use of Jacobs' client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this document by any third party.

Document history and status

Revision	Date	Description	Author	Checker	Reviewer	Approver
01	21/03/2024	For issue to An Bord Pleanála	BW	AJ	MF	PB

1. Jobs and Educational Forecasts

1.1 Overview

National Transport Authority (NTA) planning sheets are spreadsheets produced for future years predicting future populations and demographics in Census Small Areas (CSAs). They are a key resource both for qualitative analysis of population, and as input to the Regional Modelling System (RMS) and, in the case of MetroLink, the Eastern Regional Model (ERM).

The RMS is a transport planning tool developed by the NTA which is used in the appraisal of all major transport projects to capture the economic, transport and human impacts of transport projects in Ireland. The RMS contains models for different regions in Ireland, including the ERM which contains the Greater Dublin Area and by extension, MetroLink. The planning sheets are informed by both the 2016 census results and National Planning Framework to forecast future population and demographics. As part of the process the NTA has determined forecasts for key trip generation and destination variables listed below: The Census represents all the people who were resident in the State on the census night.

- Population
- Population by age cohorts
- Population by school level (Primary, Secondary, Third level)
- Principal Economic Status
- Employment places at destination
- Employment places at destination by type (Health, Retail, Food Retail)
- Education places at destination by level (Primary, Secondary, Third level)

The foundation of updates to planning sheets is based on published government policy documents such as The National Planning Framework (NPF), the Department of Housing, Planning and Local Government Implementation Roadmap and the Department of Housing's employment figures for each county. There are figures provided for the 'At-Work' population as well as the number of employment places per county.

The NTA worked with the Regional Assemblies and the Local Authorities to incorporate their housing and growth priorities in the planning sheets. While the planning sheet is controlled at the regional and county level by published policy documents (NPF & RSES), the distribution of growth within counties is discussed and agreed with Local Authorities. Where agreement has not been made, the NTA has based the distribution on existing patterns and zoning within the development plans.

1.2 Educational Forecasts

The planning sheets contain area projections for multiple different categories. Planning sheet outputs for Primary, Secondary, Tertiary and All education daytime populations are shown in the figure below (Figure 1—1) for 2035 which is the planned Opening Year of MetroLink. Education numbers are forecast by taking educational campus populations from the time of the 2016 Census and applying yearly growth based on wider population growth (while also considering any major educational developments such as new builds or campus moves such as TUD Grangegorman).

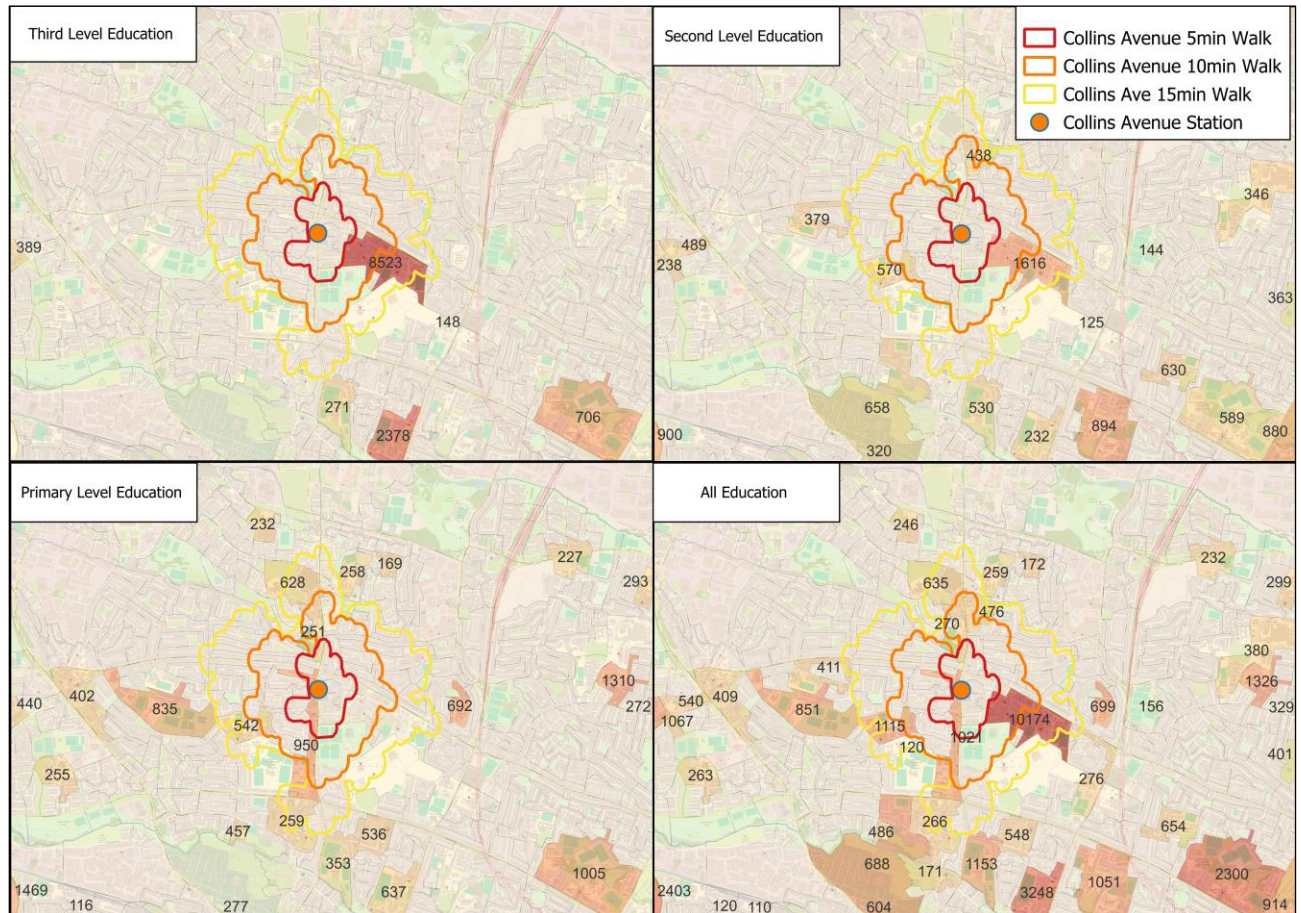


Figure 1—1: Educational Forecasts around Collins Ave Station – 2035

As can be seen in the figure above (Figure 1—1), there are 8,523 third level students expected to be present in the DCU Glasnevin campus during the day, much of which is within a 10-minute walk of Collins Avenue Station. Including the secondary school to the east, the total students are 10,174.

This figure of 8,523 Students for DCU is based on the CSO Census data and represents the typical number of full-time students present on-site rather than the entire student body of the DCU Glasnevin Campus.

The DCU students are spread over three campuses. The DCU Incorporation Report states that the pre-incorporation student population of DCU (i.e. the DCU Glasnevin Campus) was 12,000 prior to the incorporation of the various campuses in 2016) and represents 66% of the total students enrolled in DCU.

When considering the typical daytime populations, the DCU student body has been filtered by course level to capture all undergraduates (more likely to be full time students attending every day) the total number across DCU was 12,500¹, if this is spread across the three campuses in the same proportion as overall numbers then the number at the Glasnevin campus would be approximately 8,250.

In addition to students, DCU reported 1,577 Staff in 2016 who will add to the demand to this area from MetroLink.

These populations were verified using the CSO 2016 Workplace Zones dataset which capture daytime population of employment and education in 'Workplace Zones'. The 'Workplace Zone' capturing DCU

¹ Sourced from Higher Education Authority Statistics Database: <https://hea.ie/statistics/data-for-download-and-visualisations/access-our-data/access-our-data-students/>

contains 11,681 daytime workers/students for 2016. This zone covers the full are of DCU and the secondary school to the east of DCU and covers the students and workers in this zone.

Further to the figures presented in relation to DCU in Figure 1—1, there are a number of additional primary and secondary schools within a 15-minute walk such as Trinity Comprehensive School (438 pupils), Scoil an tSeachtar Laoch (251 pupils), St Aidan's CBS (1616 pupils), and Our Lady of Victories Schools (950 pupils) which add to the local educational catchment.

Further afield, the spread of educational campuses to the east and west of MetroLink stations will allow for use of interchange with Orbital Bus Routes such as the N2, N4 and N6 to access campuses such as Dominican College Drumcondra, Marino Institute of Education and St David's CBS.

1.3 Jobs Forecasts

Also available from the NTA planning sheets is the projection of future employment populations. Figure 1-2 below shows the projections for employment surrounding the Collins Ave Station in 2035. With reference to this image there are approximately 1,400 jobs within 10-minute walking distance and close to 6,000 jobs within 15-minute walking distance (and this includes staff at DCU, staff at the various schools, and those working along in the immediate environs set out below).

