



ST FIACHRA'S JNS

SAFE ROUTES TO SCHOOL PARENT SURVEY  
GIS ANALYSIS

*Prepared by: Susan Doorley*

*Date: April 2022*

# St Fiachra's JNS – Parent Survey



The school distributed the Safe Routes to School survey to all parents, via their usual communications methods, during October 2021. Reminders were also issued.

As part of the survey, parents were asked to indicate on a map where their school journey begins, as well as the modes by which students usually travel to school.

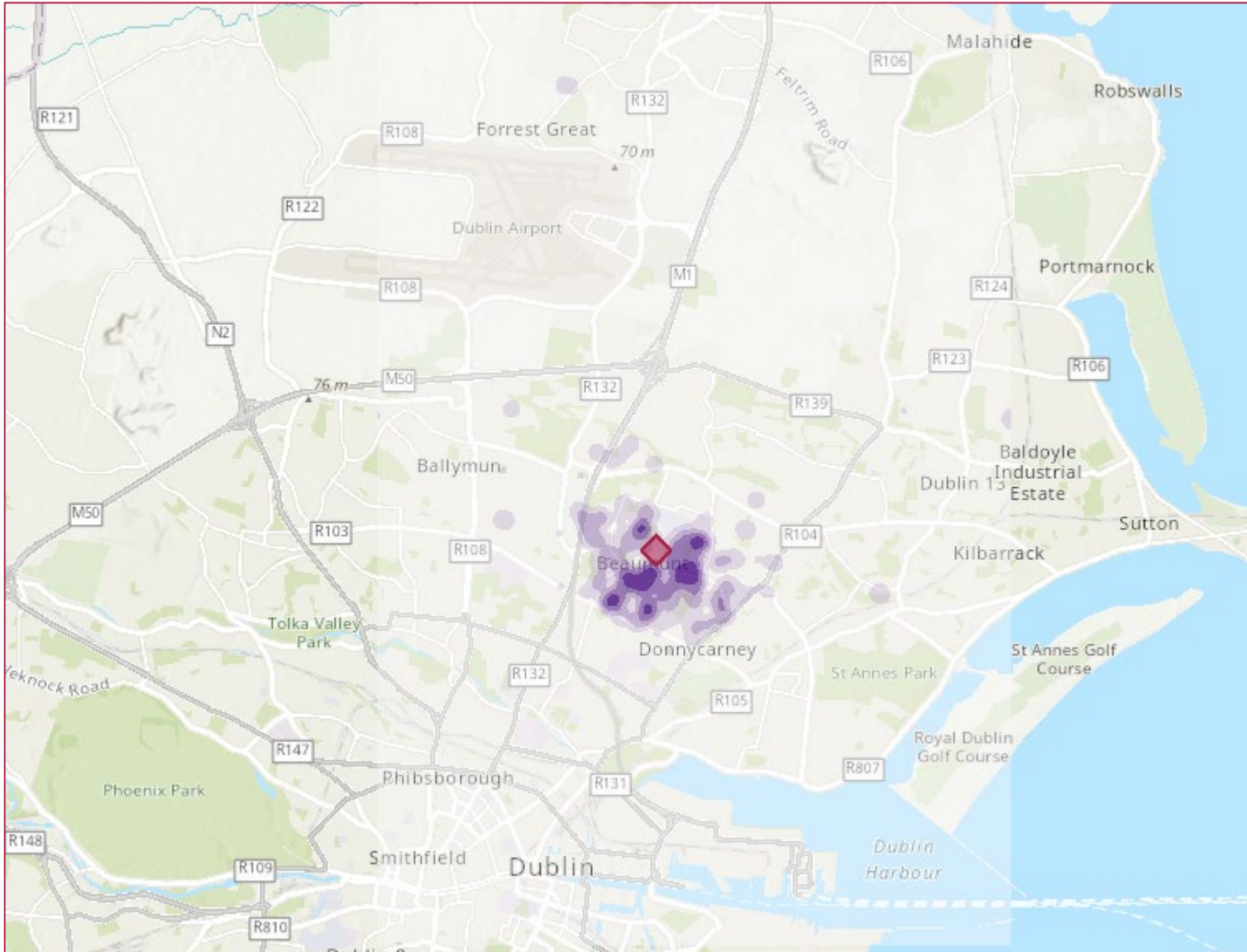
Responses received: 238

Students represented: 272 = 56.5% of school population (based on a total of 658\*)

The following pages display the results of the GIS analysis undertaken on the locations of students, using the ARCGIS online platform.



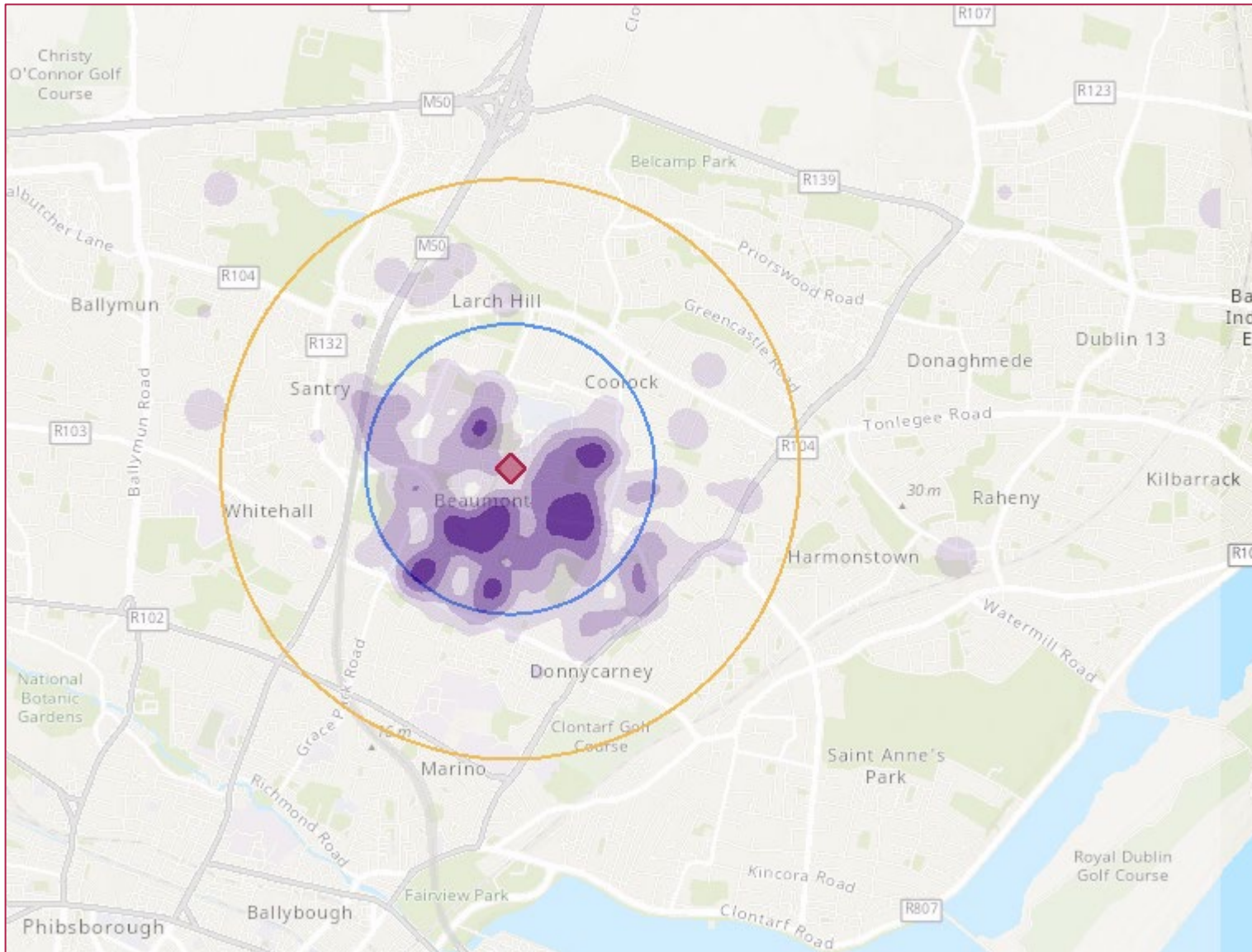
# St Fiachra's JNS : Where students are travelling from









- ◆ School location
- Higher density of students travelling from this area
- Lower density of students travelling from this area



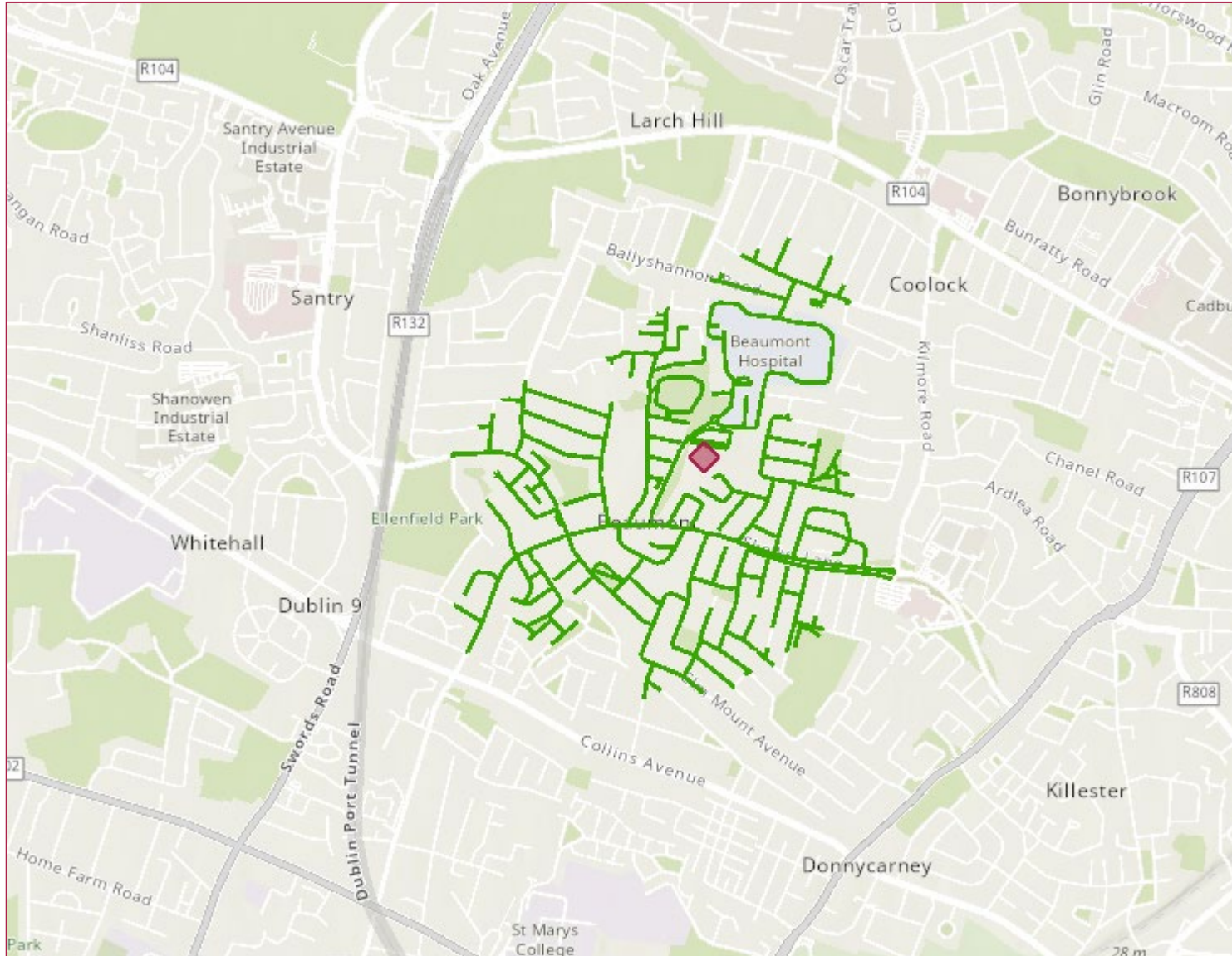
# St Fiachra's JNS: 1km & 2km radii with student density



-  School location
-  Higher density of students travelling from this area
-  Lower density of students travelling from this area
- 
-  1km radius
-  2km radius



# St Fiachra's JNS: Reachable streets: Walking 15 minutes



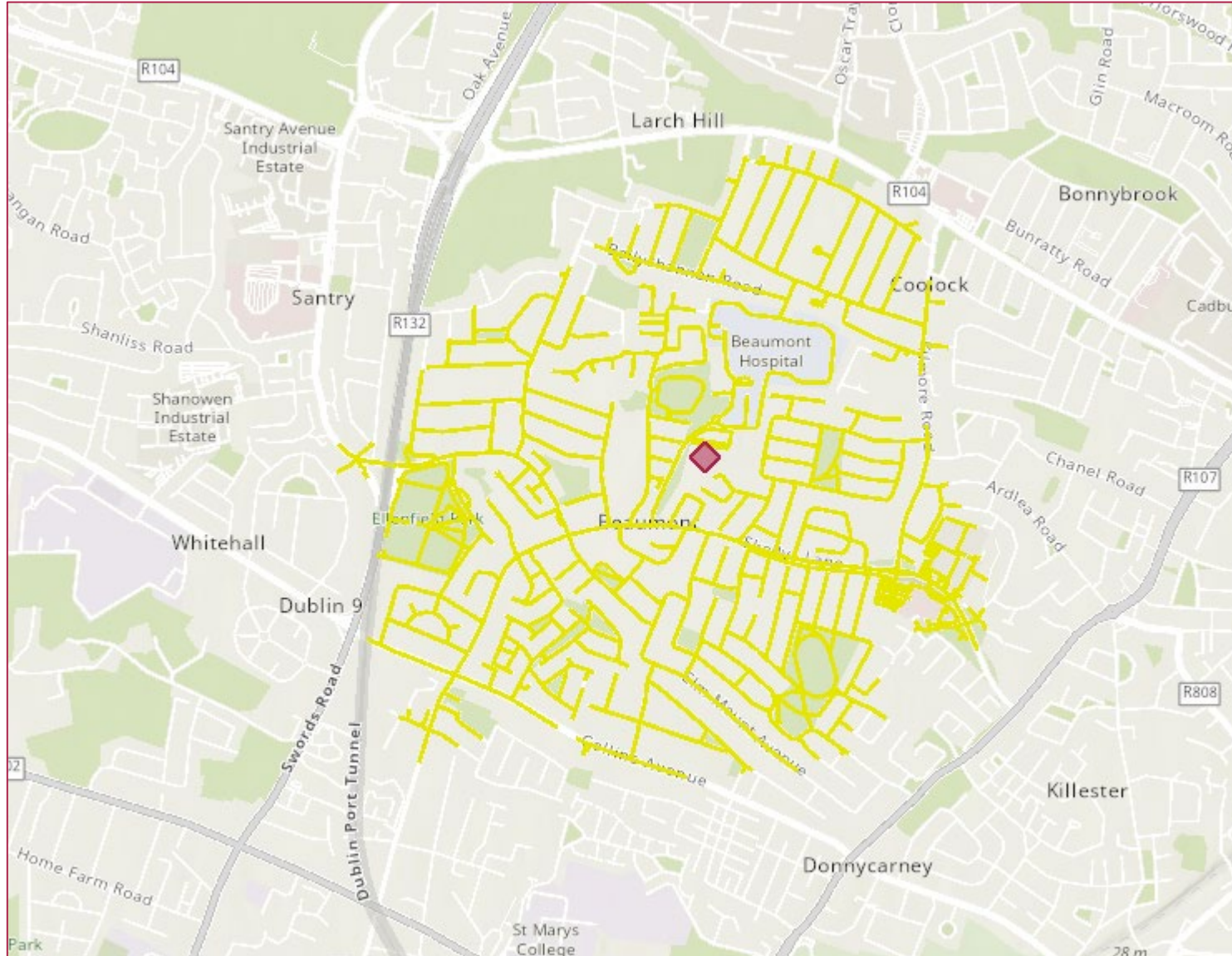
◆ School location

— Walkable streets within 15 minutes

- Calculated based on walking 1km in 12 minutes
- May not include existing permeability links



# St Fiachra's JNS: Reachable streets: Walking 20 minutes



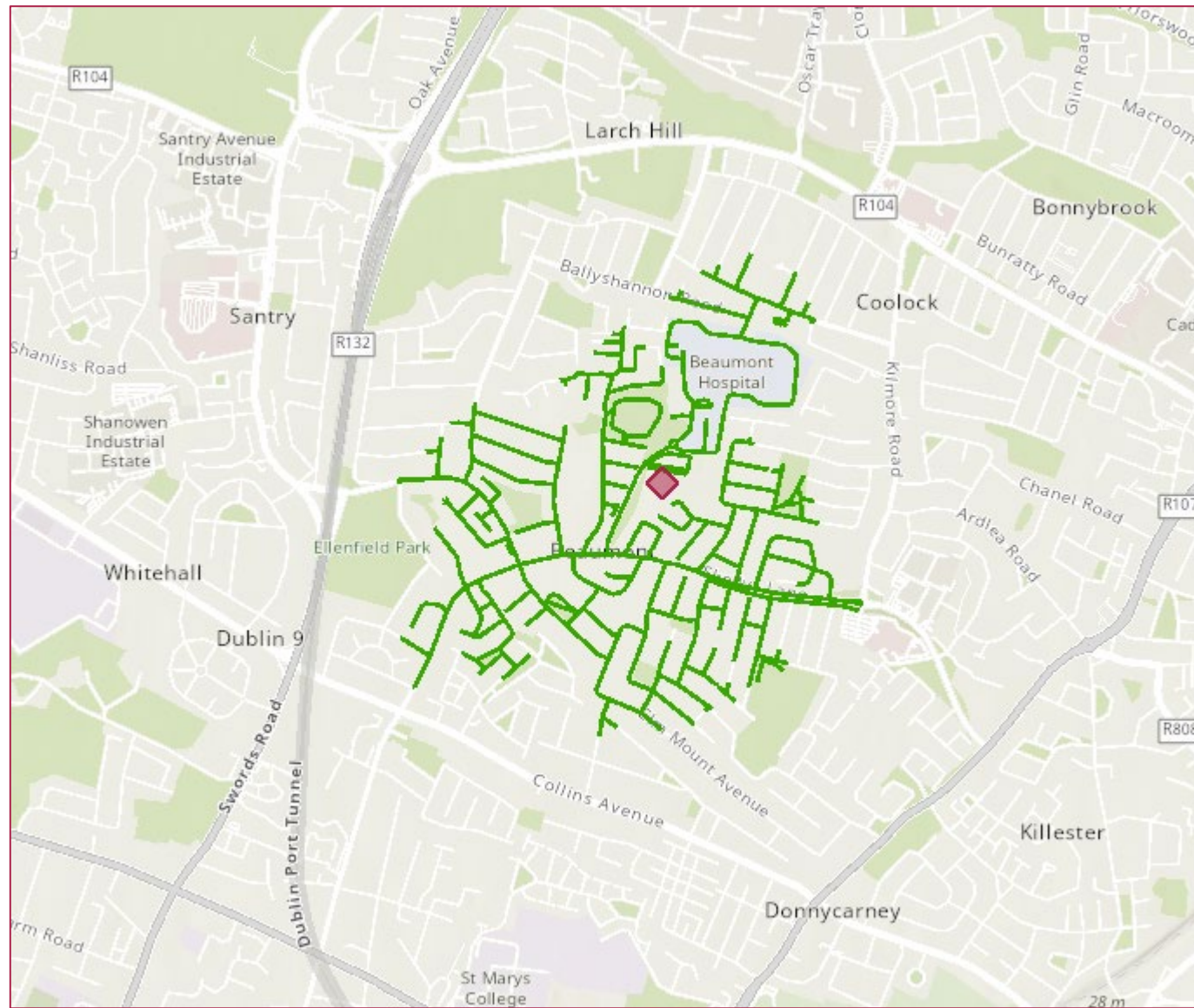
School location

Walkable streets within 20 minutes

- Calculated based on walking 1km in 12 minutes
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# St Fiachra's JNS: Reachable streets: Walking 15 minutes



- ◆ School location
- Walkable streets within 15 minutes
  - Based on walking 1km in 12 minutes
  - May not include existing permeability links

**Students living within a 15 minutes walk to the school and how they currently travel to school**

Mode	Number	%
Walk	133	66.5
Cycle	10	5
Scoot	31	15.5
Park and Stride	18	9
School Bus	4	2
Public Transport	0	0
Car	4	2



# St Fiachra's JNS: Reachable streets: Walking 20 minutes



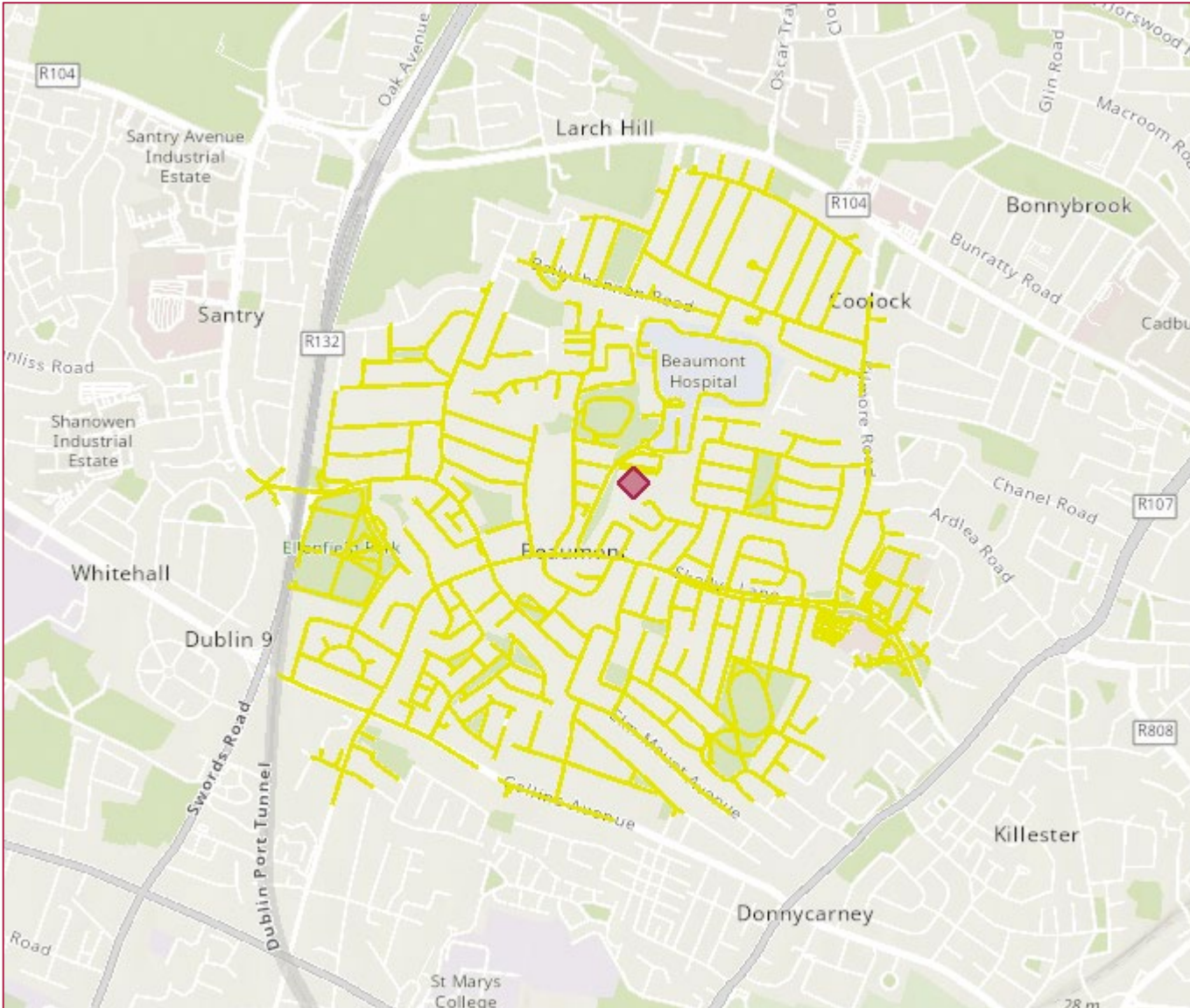
◆ School location

— Walkable streets within 20 minutes

- Based on walking 1km in 12 minutes
- May not include existing permeability links

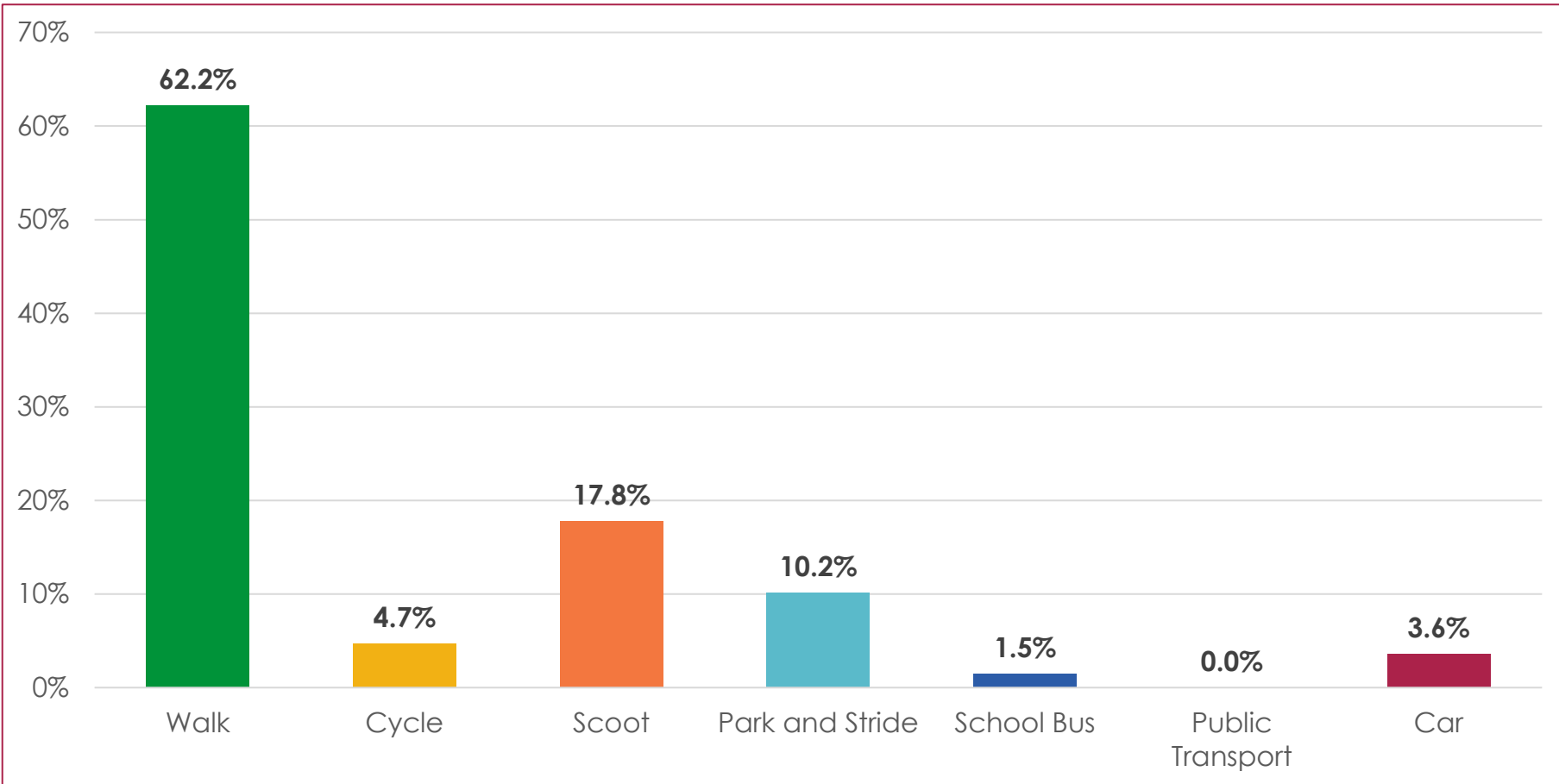
## Students living within a 20 minutes walk to the school and how they currently travel to school

Mode	Number	%
Walk	173	59
Cycle	17	5.8
Scoot	50	17.1
Park and Stride	37	12.6
School Bus	4	1.4
Public Transport	0	0
Car	12	4.1





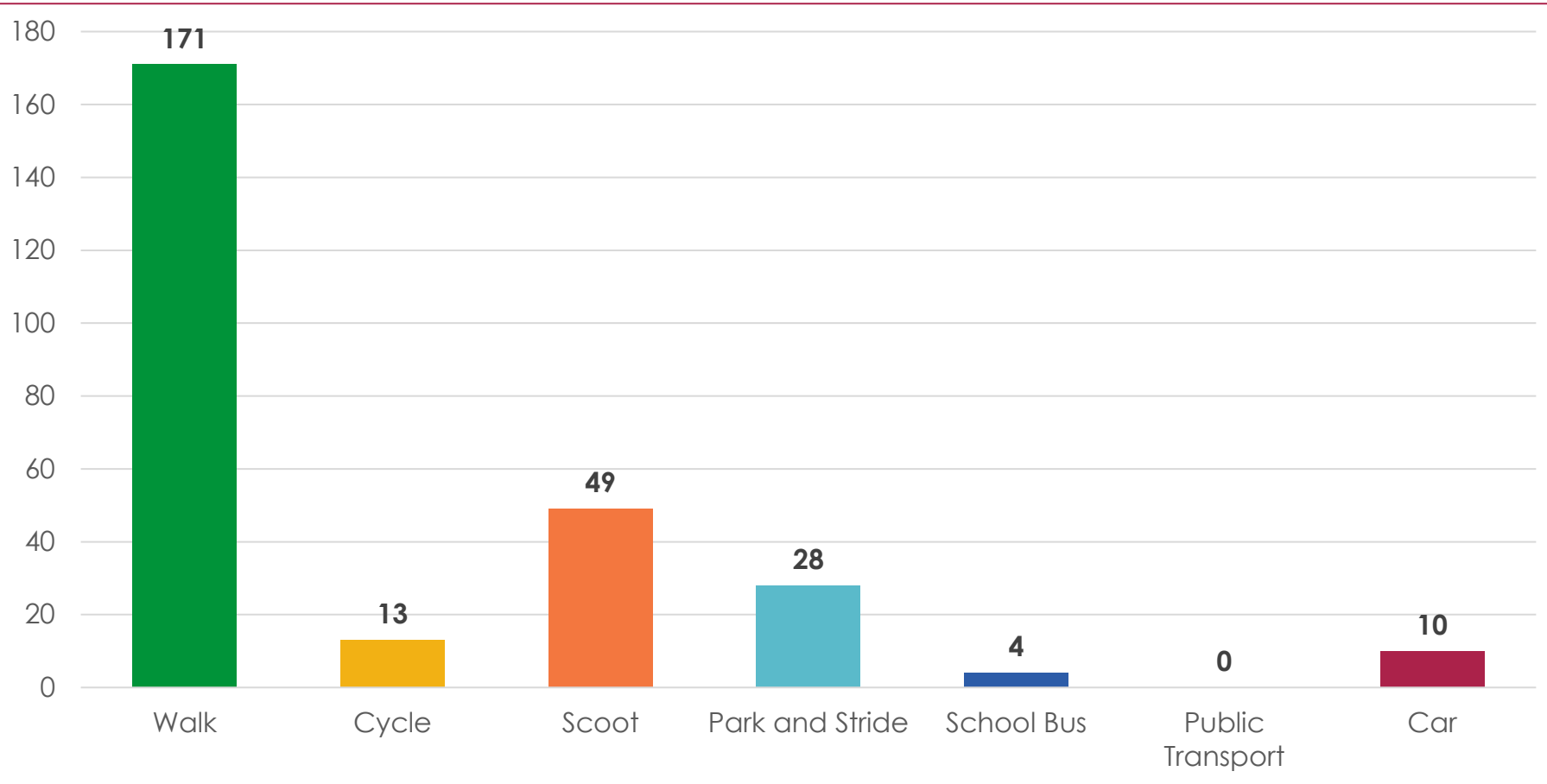
# St Fiachra's JNS – Modal split within 1 Km radius\*



\*275 students start their journey within a 1km radius of the school, representing 41.8% of students surveyed.



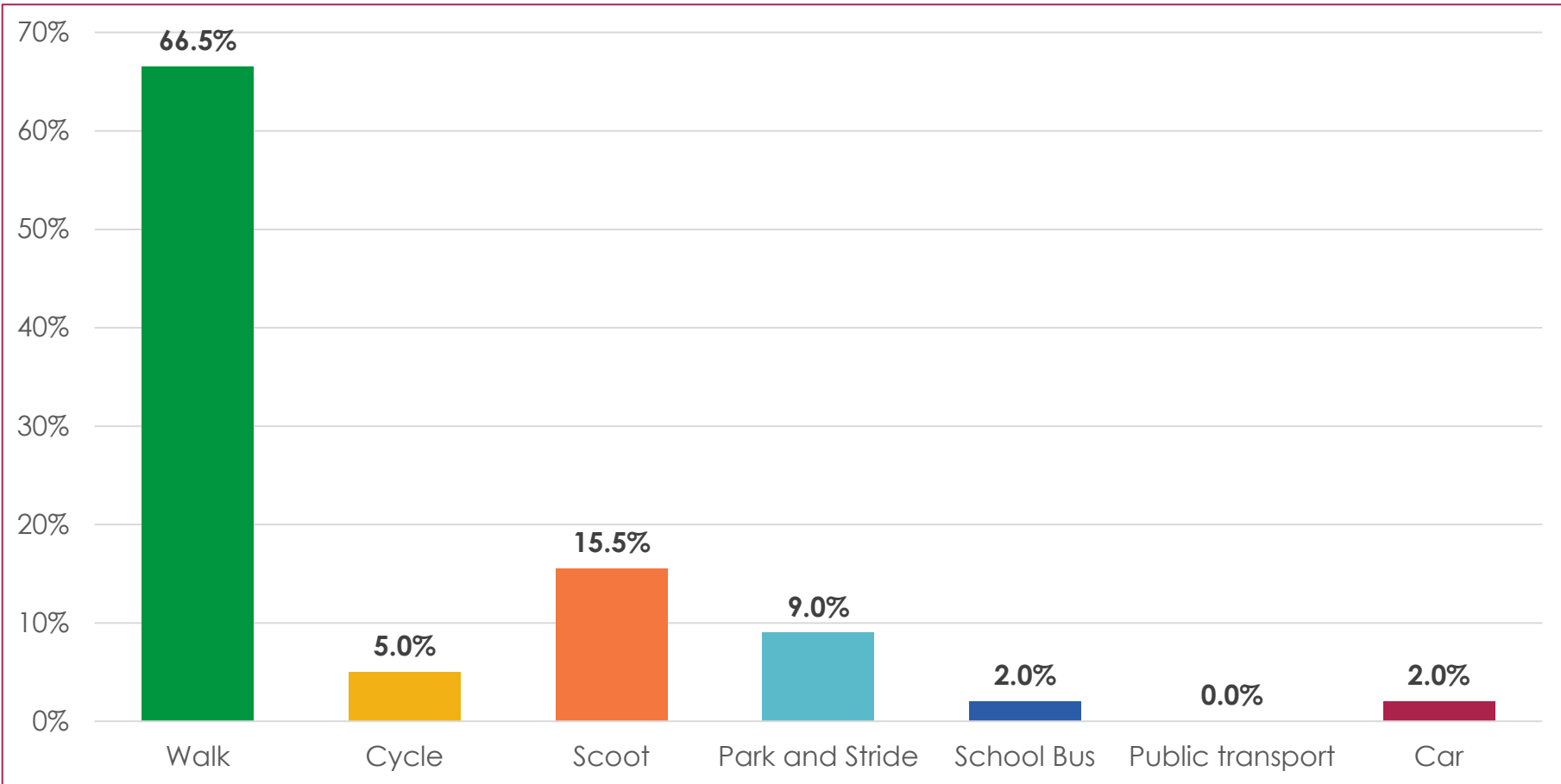
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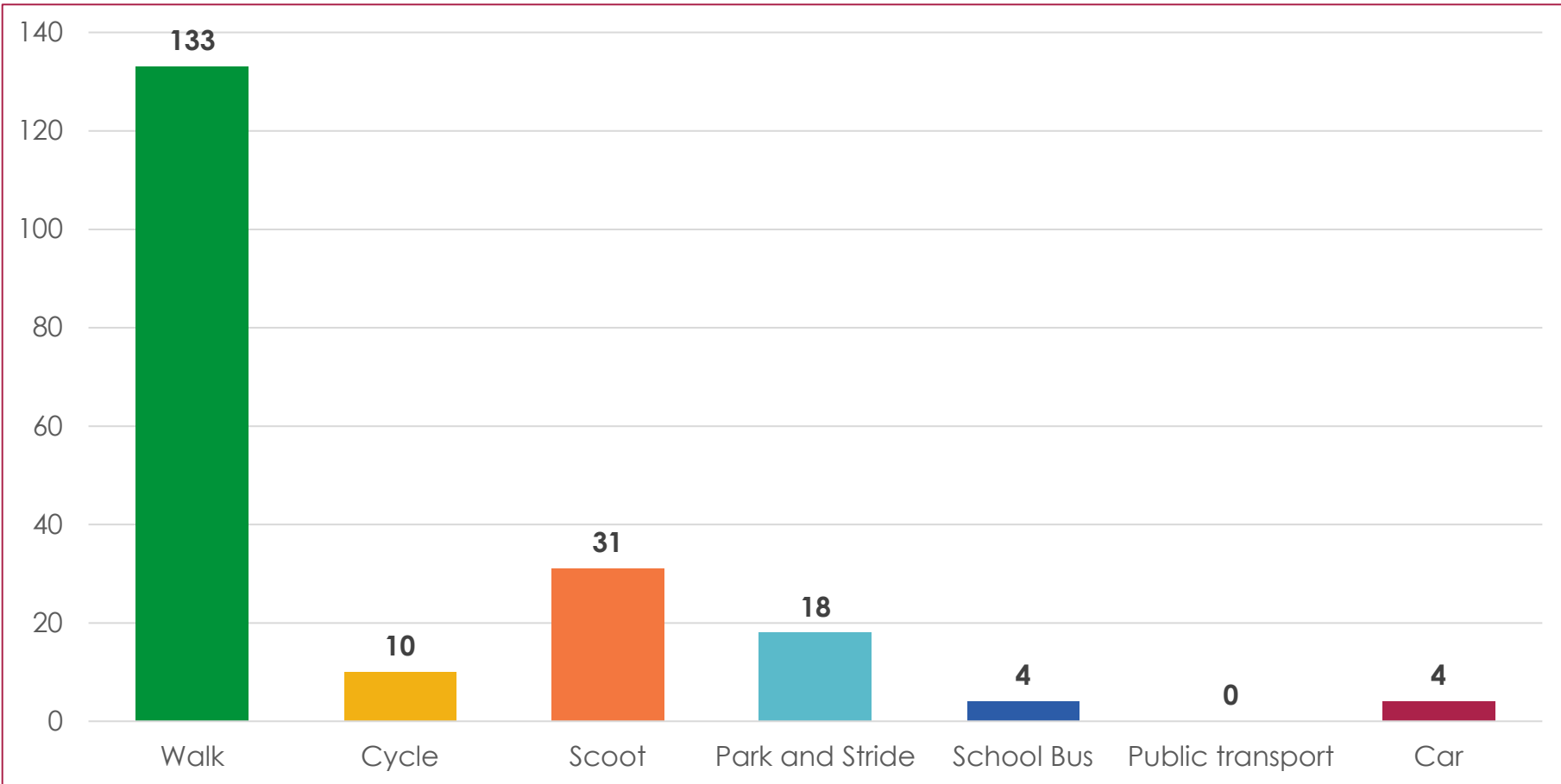
# St Fiachra's JNS – Modal split within 15 minutes walking\*



\*200 students start their journey within a 15-minute walk of the school, representing 30.4% of students surveyed.



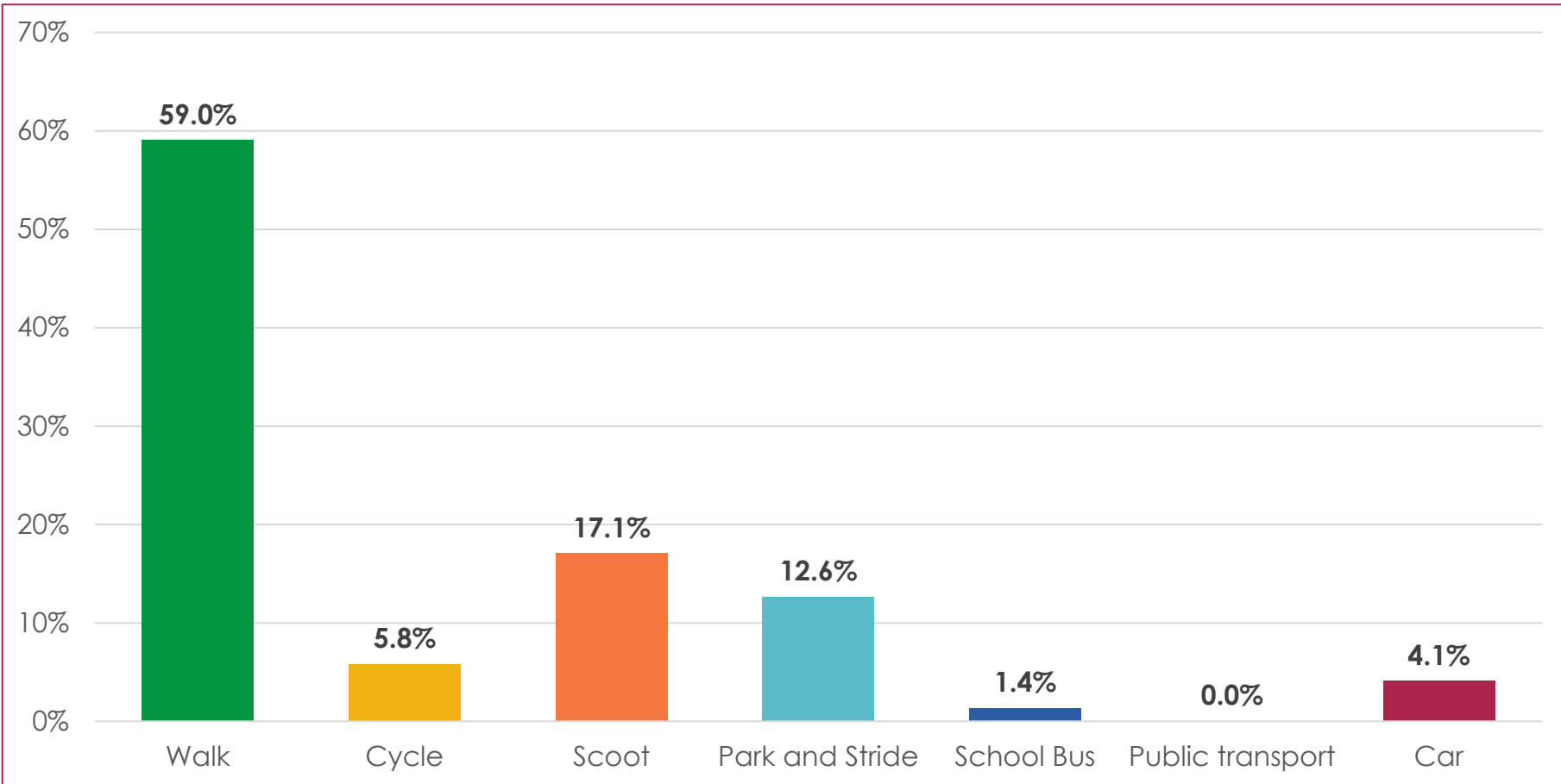
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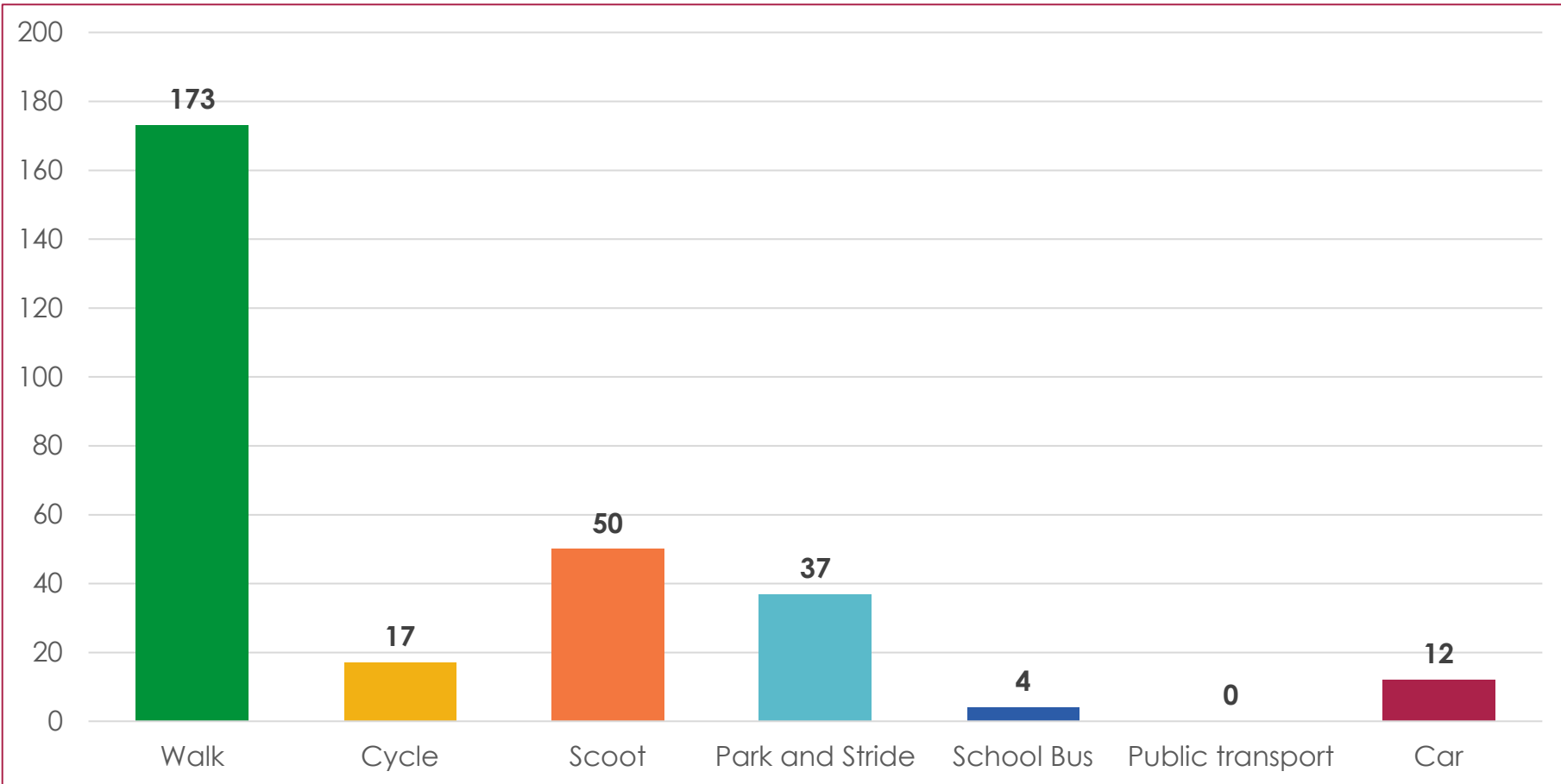
# St Fiachra's JNS – Modal split within 20 minutes walking\*



\*293 students start their journey within a 20-minute walk of the school, representing 44.5% of students surveyed.



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