

ERDF and Cohesion Fund result indicators in the field of transport post 2020

Indicator RCR64 : Annual Users of Dedicated Cycling Infrastructure

Brussels, 24 January 2020.

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Key Details of the Indicator



- **Indicator RCR64**
Annual Users of Dedicated Cycling Infrastructure
- **What does it Measure**
The Annual Users measurement provides a spot indication of the level of use of a section of cycling infrastructure. Understanding the specific use pattern of each user would require quite complex surveys, and hence the measurement is focused at a single location only which is deemed to represent the full length.

Data Sources - 1

- **Field Surveys**

In most cases, field surveys are expected to be the main source of data for this indicator, as these can be easily collected at a specific location.

- **Installed Technology**

Permanent Counters assist in converting short period field surveys into longer duration estimates of transport activity. They can also provide annual data when permanently installed

- **Published Datasets**

It is possible to use datasets from other locations which may provide information on the profile of demand over a day, month or year. These can then be used to convert short-term counts to annual numbers

Data Sources - 2

- **Other Online Tools**
Limited Relevance to this indicator.
- **Operator Data**
Limited Relevance to this indicator.



Data Required for this Indicator

- **The Representative Location**

Identify the location on the project that is deemed to be representative of the number of users (i.e. the majority of users pass this point)

- **Cycle Volumes**

The indicator is reported as Annual Users. This can be done in two ways:

- **Field Surveys and Published Datasets**

Manual Counts (Personnel) or Installed Technology (Temporary Counters) over a short period (e.g., 2-7 days) and extrapolated to annual value; or

- **Installed Technology**

Install a permanent counter to measure data directly over the year

Main Considerations

- **Counting Method**
Manual or Automatic Counts, depending on the period, labour costs and number of projects
- **Impact of Weather**
Can be a very significant factor in cycling demand.
- **Generation of AADT**
Practitioners should be very familiar with the methodologies.
- **Forecast (Target) Values**
Use of targets based on benchmarking or experience.

Calculating the Indicator

- **Permanent Counter**
Direct report of volumes. No calculation needed
- **Short Period Count**
Requires Conversion to Annual Volume

$$[\text{Annual}] = [\text{COUNT}] \times [\text{PC}_H] / [\text{PC}_A]$$

Where

Annual: The annual estimate

PC_H: The Permanent Counter for the short period

PC_A: The Permanent Counter for the full year

Conversion can use published data (e.g. <https://data.smartdublin.ie/dataset/cycle-counters>)