

By email

28 February 2020

File Ref: OIAP-7-13919

Michael Fincham

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Dear Mr Fincham

Request for information 2020-015

I refer to your request for information dated 5 February 2020, which was received by Greater Wellington Regional Council (GWRC) via the FYI website on 5 February 2020. You have requested the following information:

"I am seeking a copy of the last 12 months of raw data showing the dates and times at which buses travelling on the number 13 route from Brandon Street to Mairangi arrived at (or departed from) their first scheduled stop, which is stop 5520. If this information is unavailable due to limitations of GW's bus tracking system then I would like the data pertaining to the arrival of these buses at the second stop in their journey, which is stop 5012.

As much as possible the data should not be summarised, processed or modified in any way. I am a computer scientist and for my purposes would like access to the raw data.

As there have been approximately 250 working days in the last 12 months, and there are five scheduled number 13 services per day, the data should constitute a table of approximately 1250 rows. If 12 months of this data isn't held by Metlink then I would like the maximum number of data points of this type which are held for this service, and an explanation of any specific retention times that are applied to this data collection.

Any reasonable text-oriented format for the data is fine - an SQL dump or CSV file would be ideal. Any reasonable time format is fine, e.g. UNIX timestamps, ISO8601 etc

Even just a list of the "start timestamps" when buses clocked in to the number 13 route would be fine, for instance data that looked like this:

Wed Feb 5 16:18:24 NZDT 2020

RESPONSE TO OIA 2020-015 MICHAEL FINCHAM



Wed Feb 5 16:40:55 NZDT 2020

Wed Feb 5 17:03:31 NZDT 2020

Would be great. There should be approximately five data points for every date included in the dataset, representing each of the five departures on that day. Further metadata such as a unique per-trip identifier, or what the 'lateness value' of the bus was at that particular point would be appreciated but is not necessary - I should be able to match up which departures correspond to which scheduled trip myself if necessary.

If this specific data is already published or made available through a public API then information on where to obtain it myself would be appreciated."

GWRC's response follows:

Route 13 departure times

Route 13 afternoon departure times from origin stop 5520/ between 5 February 2019 - 5 February 2020 are provided in Excel format as **Attachment 1** to this response.

Please note that only trips where there is an RTI record, or where a trip was cancelled in the RTI system by the operator, have been included. Other trips missing from the data may have also run, but failed to provide an RTI record - for example, if equipment failed, or an operator logged onto an incorrect trip. Such trips would count as having 'Failed' their performance measures from a contracting standpoint.

Additional route 13 service performance information

Overall route 13 service performance, as measured weekly against key performance indicators **punctuality** (percentage of departures from origin stop leaving between one minute early and five minutes late) and **reliability** (percentage of services that ran), is publicly available in the 'Bus performance data' section of <https://www.metlink.org.nz/our-metlink-bus-journey/performance-of-our-network/#DataAndReports> . This data series commences from 16 July 2018 (the first weekday commencement date of the new Wellington City bus network).

Future Metlink API

Please note that GWRC are currently developing an open data portal, making static and real-time General transit feed specification (GTFS) data formally available via API, for public release by June 2020. This will provide supported open access to GTFS data.

If you have any concerns with the decision(s) referred to in this letter, you have the right to request an investigation and review by the Ombudsman under section 27(3) of the Local Government Official Information and Meetings Act 1987.

Yours sincerely



Greg Pollock
General Manager, Public Transport