

[ABSTRACT]

TRAFFIC INFORMATION PROCESSING SYSTEM, SERVER DEVICE, TRAFFIC
INFORMATION PROCESSING METHOD, AND PROGRAM

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A traffic information processing system includes an on-board unit configured to be installed in a vehicle, an on-board unit-equipped vehicle number-detecting unit configured to detect the number of vehicles equipped with the on-board unit entering a sample area, which is a part of a plurality of zones divided from a place in which vehicles
10 equipped with the on-board unit and vehicles not equipped with the on-board unit travel, based on information received from the on-board unit, a total vehicle number-detecting unit configured to detect the number of all vehicles entering the sample area, a vehicle ratio operation unit configured to calculate a value related to a ratio which is based on the number of vehicles equipped with the on-board unit detected by the on-board
15 unit-equipped vehicle number-detecting unit and the number of all vehicles detected by the total vehicle number-detecting unit, and a total vehicle number-estimating operation unit configured to calculate a total number of vehicles in the zone based on the number of vehicles equipped with the on-board unit entering the zone and the value related to the ratio calculated by the vehicle ratio operation unit.

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FIG. 1