

2011-2012 Maryland Route 200 In-Vehicle GPS Travel Survey

NREL TSDC Data Dictionary

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| Region: | Montgomery and Prince George Counties |
| Agency: | University of Maryland |
| Publication: | None |
| Citation: | "Transportation Secure Data Center." ([YEAR]). National Renewable Energy Laboratory. Accessed [DATE]: www.nrel.gov/tsdc . |

Summary

The in-vehicle GPS travel survey was conducted between October 2011 and February 2012 in D.C. Baltimore area to investigate the potential usage of the Intercounty Connector (ICC) or Maryland Route 200, a tolled freeway connecting Montgomery County and Prince George County.

Table/File Definitions

| Table | Description |
|---------------|--|
| survey_person | A record in this table represents a person that was given a dedicated vehicle GPS to track their vehicle usage. |
| survey_recall | A record in this table represents a persons response to a recall survey about trips that they took. |
| v_points | A record in this table represents a GPS point along a vehicle trip. Survey participants were given a dedicated in-vehicle GPS trackers that recorded the vehicle location. |

Column Definitions

| Column | Table | Data Type | Description |
|--------------------|---------------|------------------|--|
| accuracy | v_points | double precision | 1-10 scale, 1 being bad, 10 being good |
| age | survey_person | double precision | Participant Age |
| commute_address_1 | survey_recall | text | Commute address or location description |
| commute_address_2 | survey_recall | text | Commute address or location description supplement |
| commute_end | survey_recall | text | Commute end location description |
| commute_end_oth | survey_recall | text | Commute end location description (other) |
| commute_end_time | survey_recall | text | Commute end time |
| commute_mode | survey_recall | text | Commute capacity |
| commute_mode_oth | survey_recall | text | Commute capacity (other) |
| commute_start | survey_recall | text | Commute start location |
| commute_start_oth | survey_recall | text | Commute start location (if other specified) |
| commute_start_time | survey_recall | text | Commute start time |
| datetime | v_points | text | datetime format |
| diary_date | survey_recall | text | Travel diary log date |
| education | survey_person | text | Education level |
| end_address_1 | survey_recall | text | Non-commute trip end address or location description |

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|----------------|---------------|------|--|
| end_address_10 | survey_recall | text | Non-commute trip end address or location description |
| end_address_2 | survey_recall | text | Non-commute trip end address or location description |
| end_address_3 | survey_recall | text | Non-commute trip end address or location description |
| end_address_4 | survey_recall | text | Non-commute trip end address or location description |
| end_address_5 | survey_recall | text | Non-commute trip end address or location description |
| end_address_6 | survey_recall | text | Non-commute trip end address or location description |
| end_address_7 | survey_recall | text | Non-commute trip end address or location description |
| end_address_8 | survey_recall | text | Non-commute trip end address or location description |
| end_address_9 | survey_recall | text | Non-commute trip end address or location description |
| end_time_1 | survey_recall | text | Non-commute trip end time |
| end_time_10 | survey_recall | text | Non-commute trip end time |
| end_time_2 | survey_recall | text | Non-commute trip end time |

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|------------|---------------|------------------|---|
| end_time_3 | survey_recall | text | Non-commute trip end time |
| end_time_4 | survey_recall | text | Non-commute trip end time |
| end_time_5 | survey_recall | text | Non-commute trip end time |
| end_time_6 | survey_recall | text | Non-commute trip end time |
| end_time_7 | survey_recall | text | Non-commute trip end time |
| end_time_8 | survey_recall | text | Non-commute trip end time |
| end_time_9 | survey_recall | text | Non-commute trip end time |
| flexible | survey_recall | text | Flexible work schedule |
| gender | survey_person | text | Participant gender |
| heading | v_points | int | Ranges from 0.1-360, 360 being perfect north, 180 being perfect south |
| income | survey_person | text | Binned income level |
| lat | v_points | double precision | Latitude |
| license | survey_person | text | Yes if drivers license is owned |
| long | v_points | double precision | Longitude |
| mode_1 | survey_recall | text | Non-commute trip capacity |
| mode_10 | survey_recall | text | Non-commute trip capacity |
| mode_2 | survey_recall | text | Non-commute trip capacity |

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|---------------|---------------|------------------|-----------------------------------|
| mode_3 | survey_recall | text | Non-commute trip capacity |
| mode_4 | survey_recall | text | Non-commute trip capacity |
| mode_5 | survey_recall | text | Non-commute trip capacity |
| mode_6 | survey_recall | text | Non-commute trip capacity |
| mode_7 | survey_recall | text | Non-commute trip capacity |
| mode_8 | survey_recall | text | Non-commute trip capacity |
| mode_9 | survey_recall | text | Non-commute trip capacity |
| mode_other_1 | survey_recall | text | Non-commute trip capacity (other) |
| mode_other_10 | survey_recall | double precision | Non-commute trip capacity (other) |
| mode_other_2 | survey_recall | text | Non-commute trip capacity (other) |
| mode_other_3 | survey_recall | text | Non-commute trip capacity (other) |
| mode_other_4 | survey_recall | text | Non-commute trip capacity (other) |
| mode_other_5 | survey_recall | text | Non-commute trip capacity (other) |
| mode_other_6 | survey_recall | text | Non-commute trip capacity (other) |
| mode_other_7 | survey_recall | double precision | Non-commute trip capacity (other) |
| mode_other_8 | survey_recall | text | Non-commute trip capacity (other) |

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| mode_other_9 | survey_recall | text | Non-commute trip capacity (other) |
| nsatel | v_points | int | Number of satellites acquired. Higher number is good. Lower number leads to lower accuracy points. |
| one_trip | survey_recall | text | Was at least one trip taken |
| purpose_1 | survey_recall | text | Non-commute trip purpose |
| purpose_10 | survey_recall | text | Non-commute trip purpose |
| purpose_2 | survey_recall | text | Non-commute trip purpose |
| purpose_3 | survey_recall | text | Non-commute trip purpose |
| purpose_4 | survey_recall | text | Non-commute trip purpose |
| purpose_5 | survey_recall | text | Non-commute trip purpose |
| purpose_6 | survey_recall | text | Non-commute trip purpose |
| purpose_7 | survey_recall | text | Non-commute trip purpose |
| purpose_8 | survey_recall | text | Non-commute trip purpose |
| purpose_9 | survey_recall | text | Non-commute trip purpose |
| purpose_oth_1 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_10 | survey_recall | double precision | Non-commute trip purpose (other) |

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|------------------|---------------|------------------|--|
| purpose_oth_2 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_3 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_4 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_5 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_6 | survey_recall | double precision | Non-commute trip purpose (other) |
| purpose_oth_7 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_8 | survey_recall | text | Non-commute trip purpose (other) |
| purpose_oth_9 | survey_recall | double precision | Non-commute trip purpose (other) |
| speed | v_points | double precision | Speed in mph |
| start_address_1 | survey_recall | text | Non-commute trip start address or location description |
| start_address_10 | survey_recall | text | Non-commute trip start address or location description |
| start_address_2 | survey_recall | text | Non-commute trip start address or location description |
| start_address_3 | survey_recall | text | Non-commute trip start address or location description |
| start_address_4 | survey_recall | text | Non-commute trip start address or location description |

| | | | |
|-----------------|---------------|------|--|
| start_address_5 | survey_recall | text | Non-commute trip start address or location description |
| start_address_6 | survey_recall | text | Non-commute trip start address or location description |
| start_address_7 | survey_recall | text | Non-commute trip start address or location description |
| start_address_8 | survey_recall | text | Non-commute trip start address or location description |
| start_address_9 | survey_recall | text | Non-commute trip start address or location description |
| start_time_1 | survey_recall | text | Non-commute trip start time |
| start_time_10 | survey_recall | text | Non-commute trip start time |
| start_time_2 | survey_recall | text | Non-commute trip start time |
| start_time_3 | survey_recall | text | Non-commute trip start time |
| start_time_4 | survey_recall | text | Non-commute trip start time |
| start_time_5 | survey_recall | text | Non-commute trip start time |
| start_time_6 | survey_recall | text | Non-commute trip start time |
| start_time_7 | survey_recall | text | Non-commute trip start time |
| start_time_8 | survey_recall | text | Non-commute trip start time |

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|--------------|-------------------------|------|--|
| start_time_9 | survey_recall | text | Non-commute trip start time |
| survey_date | survey_recall | text | Survey date |
| vehno | survey_person | int | Vehicle identifier from the GPS device provided by UMD. Each person is identified by their given GPS device. |
| vehno | survey_recall, v_points | int | Vehicle identifier from the GPS device provided by UMD. |
| zipcode | survey_person | text | Zipcode of home location |