



Technical inspection data for private cars

About this survey

This survey is part of the UK MOT project (<http://www.motproject.net>) about the data collected through the periodic technical inspection (PTI) regime in Britain for cars and light goods vehicles.

The project is looking at the potential to use the data to investigate issues relating to car ownership and use, energy consumption, and vehicle emissions contributing to climate change and air pollution.

Various analytical techniques have been developed, and we are now interested in understanding whether such techniques could be usable in other countries.

In particular, we are keen to understand:

- whether odometer readings are collected;
- whether data are held in a central computerised form;
- whether the home locations of the vehicle keepers are recorded; and
- how the data have been used for research.

We would therefore be most grateful if you could complete this survey for your country (or state).

We are happy to share the outputs from this work - and will send you the main survey findings if you express an interest.

Practicalities:

When completing the survey **via the web**,

<https://www.smartsurvey.co.uk/s/Vehicleinspections/>, if you wish to leave it and return later, you need to:

- Click on '*Next page*' to save any changes on the page that you have been working on (otherwise these will be lost).
- Then click on the '*Save and continue later*' button. The survey system will request an email address, in order to send you a link for completing the rest of the survey later.
- You should receive the link shortly afterwards, from 'MOT project <noreply@smartsurvey.co.uk>'.

If you wish to **complete the survey off-line** using the Word version, please insert an 'X' and/or add text to the appropriate response boxes, then return it to:

scairns@trl.co.uk

If you encounter any technical problems, or have any other queries, please email: scairns@trl.co.uk and kmillard@trl.co.uk.

(Please email both addresses at once to enable us to resolve your query as quickly as possible.)

Background project details:

This work is led by the University of Leeds, working with the University of Bristol, the University of the West of England, TRL, UCL and the University of Aberdeen. It is funded by the UK Engineering and Physical Sciences Research Council (grant number EP/K000438/1), under the Research Councils UK Energy Programme and supported by the UK Department for Transport and the UK Department of Energy and Climate Change.

Privacy – how data will be used

The information in this survey is being collected by TRL (the UK Transport Research Laboratory) as part of the research project described on the previous page. All information supplied may be shared with other members of the project team. All information (with the exception of your personal contact details, information specified in questions 26-31 and any restrictions that you explicitly provide in question 28) may be used or included in published documents.

1a. I understand that I am providing information on this basis and agree that it may be used in the way outlined above.

Yes *Without this agreement, under UK data protection law, we cannot use any information you provide.*

1b. We may wish to use your contact details to come back to you about material you have provided in this survey – for example, for clarification of something you have written. Please confirm that you would be happy for us to do so.

Yes No

Organisation and contact details

- 2. Your name: _____
- 3. Job title: _____
- 4. Organisation: _____
- 5. Phone number (including international code): _____
- 6. Email address: _____
- 7. Website address of organisation (if relevant): _____
- 8. Which country (or state, if vehicle testing varies from state to state within your country) are you providing information for?

9. Does your country (or state) have a compulsory periodic technical inspection (PTI) programme for **private cars**?

*(We define **private cars** as passenger vehicles with at least four wheels, up to 8 seats, and weighing no more than 3.5 tonnes, which are registered to a private owner).*

No *If no, please answer question 9b below, then go to question 24*
 Yes *If yes, go to question 10*

9b. Please clarify whether your country or state collects any data through periodic technical inspections of vehicles which are stored in a centralised computerised system:

Details of periodic inspections of private cars

10. What is the name for the periodic technical inspection (PTI) programme for private cars in your country (or state)?

11. What is the purpose of the inspections? *(Please tick all that apply.)*

To assess safety/ roadworthiness	
To assess compliance with emissions requirements	
Other(s) – please specify below	

12a. How often are compulsory inspections required?

Specifically, please indicate the time between the first registration and the first compulsory inspection, and the periodicity/frequency of the inspection.

Please describe in words, or use the format below.

For example:

- 0 / 1 / 1 or “first inspection at first registration and then every year”
- 4 / 2 / 2 or “first inspection 4 years after the first registration and then every two years”
- 4 / 2 / 2 / 2 / 1 / 1 or “first inspection 4 years after the first registration, then every two years until 10 years after registration, and then every year from 10 years onwards”

12b. Are there any other times when it is compulsory that a private car is inspected? *(Please tick all that apply.)*

No other occasions	
OR	
Change of owner	
Change of registration	
Collision / accident	
Car is new to the country/ state	
Don't know	
Other – please provide details below	

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13. Are any private cars exempt from periodic technical inspections?

(Please provide details.)

14. Which of the following data are recorded during the inspection? *(Please put one tick in each row)*

	Yes	No	Don't know
Location of the test centre			
Vehicle identifier (e.g. vehicle registration mark or VIN number)			
Date of the inspection			
Odometer reading			
Outcome of test (i.e. pass or fail)			
Reasons for test failure			

Please provide further details if useful:

Data storage and availability

15. After the data have been collected, at what level are the data held?

Local	<input type="checkbox"/>
State	<input type="checkbox"/>
National	<input type="checkbox"/>
Other – please specify below	<input type="checkbox"/>

16. Are the data held on a computerised system?

No	<input type="checkbox"/>	<i>If no, go to question 24</i>
Yes	<input type="checkbox"/>	<i>If yes, go to question 17</i>
Don't know	<input type="checkbox"/>	<i>If don't know, go to question 24</i>

Computerisation of the private car inspection data

17. In which year did computerisation of records begin?

18. Are the records for the periodic technical inspections (PTI) of private cars held separately from those of other vehicles, or are they part of a larger database of vehicle PTI records?

Data for private cars held separately	
Data for private cars part of a larger database	
Don't know	

If part of a larger database, please clarify what other vehicles are included, and whether private cars can be specifically identified.

19. Approximately how many new inspection records are stored on the computerised system each year? (Please clarify whether the figure you are providing is for all vehicles held on the system, or just private cars.)

20. Is any of the following data currently included in, or linked to, the computerised inspection records? (Please put one tick in each row.)

	Yes	No	Don't know
Date of the vehicle's first registration (or other measure of vehicle age)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle make	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle model	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Body type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel type (i.e. whether petrol, diesel, electric, hybrid)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geographical location of vehicle keeper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date when the vehicle is taken off the road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please provide further details if useful:

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21. For emissions, are there vehicle-specific values that are already included as part of the inspection records database, or that could be linked to the inspection records using a parallel database (perhaps of vehicle certification information)? *(Please put one tick in each row.)*

	Yes	No	Don't know
NOx	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Particulate matter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CO ₂	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel consumption / fuel economy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please provide further details of how such emissions values either have, or could, be linked to the inspection data.

22. Has there been any work undertaken to assess the **completeness or accuracy** of the data (in relation to data collection, or recording in the computerised system)?

No	<input type="checkbox"/>
Yes	<input type="checkbox"/>
Don't know	<input type="checkbox"/>

Please provide details of any work, or any concerns about data completeness or accuracy:

23. Are the data ever made available for research?

No	<input type="checkbox"/>	<i>If no, go to question 25</i>
Yes	<input type="checkbox"/>	<i>If yes, please add a comment below, then go to question 24</i>
Don't know	<input type="checkbox"/>	<i>If don't know, go to question 25</i>

If yes, please give details of any changes made to the data (e.g. exclusions or simplifications of information) or any conditions required for data access:

Relevant research

24. Have vehicle inspection data **in your country/ state** been used for research into the following topics?

(Please tick all that apply.)

Road safety	<input type="checkbox"/>
Air quality	<input type="checkbox"/>
Car ownership and use	<input type="checkbox"/>
Energy consumption	<input type="checkbox"/>
Greenhouse gas emissions/ Climate change	<input type="checkbox"/>
Vehicle costs	<input type="checkbox"/>
Don't know	<input type="checkbox"/>
None of the above	<input type="checkbox"/>

Please provide further details of any research (e.g. links to relevant papers, details of authors, institutes, project titles etc):

25. Do you know of research using vehicle inspection data **in other countries/states**?

No	<input type="checkbox"/>
Yes	<input type="checkbox"/>
Don't know	<input type="checkbox"/>

Please provide further details of any research (e.g. links to relevant papers, details of authors, institutes, project titles etc):



CONFIDENTIAL: Information that will not be publicly reported

26. Is there anyone else that you would recommend that we contact to obtain information about vehicle inspection data **in your country**?

(If so, it would be very helpful to have a name and an email address.)

27. Is there anyone that you would recommend that we contact to obtain further information about vehicle inspection data **in other countries**?

(If so, it would be very helpful to have a name and an email address.)

28. Apart from your contact details and the information on this page, is there any information that you have provided which you are not happy to be made public, or additional information that you feel would be useful but would want kept confidential?
If so, please provide details here.

29. Would you like to be sent a copy of the survey results, and generally kept informed about our project?

Yes	<input type="checkbox"/>
No	<input type="checkbox"/>

30. When we are reporting the survey results, would you like to have your name included in the acknowledgements?

Yes	<input type="checkbox"/>
No	<input type="checkbox"/>

31. Do you have any other comments?

Thank you for completing the survey!

If you have expressed an interest in being informed about our project, we will send you a summary of the survey results in due course.