

Directory of National Data Items

and

Questions for Evaluation
of

Household Preparedness
for

Fire and Natural Disaster
Emergencies

(EMDNDI)

Report June 2010

Prepared by the Australian Bureau of Statistics

In accordance with the
Project Plan for the Natural Disaster Mitigation Program (NDMP) of
Natural Disasters Project

**For presentation to the
Advisory Group and Steering Committee for approval.**

The NSW Fire Brigade (NSWFB) are the Sponsors of the Contract Material.

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Foreword

I have pleasure in submitting the to you the Project Report for the 'National Disaster Mitigation Program (NDMP), called 2009 "Directory of National Data Items and Questions for Evaluation of Household Preparedness for Fire and Natural Disaster Emergencies" (EMDNDI) for presentation to the Advisory Group and Steering Committee for approval. The Project Sponsor is the NSW State Emergency Management Committee.

The Report has been prepared in accordance with the Project Plan for the Natural Disaster Mitigation Program (NDMP) of Natural Disasters Project. The Project Plan follows on from the approved NDMP Funding application and approved NDMP Work plan. The project has been funded on a 50/50 basis by both Australian and NSW State Government. The NSW Fire Brigade (NSWFB) is the Sponsor of the Contract Material. The NDMP is a national program aimed at identifying and addressing natural disaster risk priorities across the nation. Natural Disasters such as floods, bushfires and tropical cyclones occur regularly across the Australian continent. They cause more than \$1.23 billion damage each year to homes, businesses and the nation's infrastructure, along with serious disruption to communities. Scientific research indicates that more extreme weather events, and large-scale single events with more severe cyclones, storms and floods, are expected in the future.

The purpose of this project is to better understand Australia's household preparedness for Fire and Natural Disaster Emergencies to help inform decision making at the policy level by development of a nationally agreed directory of questions to measure household preparedness.

I would personally like to thank those agencies and individuals that have contributed to the project over the year. The National Data Items were selected, for the EMDNDI, by working in collaboration with emergency services agencies and partners. It is their belief that these National Data Items are of the highest priority to enhance household safety, quality of life and confidence by minimising the impact of fire and natural disasters on the people, environment and economy of Australia.

Peter Damcevski
Director
Client Services Branch NSW
Australian Bureau of Statistics

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The Natural Disaster Mitigation Program (NDMP) is administered by Emergency Management Australia (EMA). Both the Federal Government and the NSW State Government have contributed 50% each to this project and the project is managed by NSWFB.

The Australian Bureau of Statistics (ABS) was contracted to develop "EMDNDI". The development of this EMDNDI could not have proceeded without the contributions of a great number of organisations who gave up their time to comment at the workshops and consultations.

The ABS would like to gratefully acknowledge the valuable input, assistance and support of the following organisations:

Australian Council of State Emergency Services (ACSES), Australasian Fire and Emergency Service Authorities Council (AFAC), Australian Local Government Association, Australian Red Cross, Bureau of Meteorology, Bushfire Cooperative Research Centre (Bushfire CRC), Centrelink, Country Fire Association Victoria (CFA Victoria), Country Energy, Australian Commonwealth Scientific and Research Organisation (CSIRO), Department of Agriculture, Fisheries and Forestry, Department of Health and Ageing, Department of Human Services, Victoria (DHS VIC), Department of Community Services (DOCS), Attorney General's Department - Emergency Management Australia (EMA), Department of Emergency Services (QLD), Department of Families, Housing, Community Services and Indigenous Affairs, (FaHCSIA), Energy Australia, Fire and Emergency Services Authority of Western Australia (FESA WA), Geoscience Australia, Insurance Council of Australia, Integral, James Cook University Queensland, Jemena, Local Government Association of NSW and Shires Association of NSW, National Flood Risk Advisory Group, National Spatial Information Management Group (NSIMG), NSW Department of Primary Industries (NSW DPI), NSW Department of Health (NSW Health), NSW Office for Emergency Services, State/Territory Emergency Services (SES/TES), New South Wales Fire Brigades (NSWFB), New South Wales Rural Fire Services (NSWRFS), Office of Emergency Services Commissioner, Victoria (OESC Vic), Queensland Fire and Rescue Service (QFRS), Risk Frontiers, Macquarie University, Royal Melbourne Institute of Technology (RMIT), South Australian Fire and Emergency Services Commission (SAFECOM), Science of Mental Health and Adversity Unit (SCIMHA), School of Medicine University of Western Sydney, Sydney Water, Telstra, University of Tasmania.

NSW State Emergency Management Committee, Project Sponsor

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NSWFB Project Management

Ms Dawn Easton
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Mr Sean Naim

ABS assistance: Marcel van Kints, Rebecca McDonald, Katy White, Imogene McKinnon.

And all other people, both in Australia and internationally, who assisted in answering questions and providing information used to create the EMDNDI.

Disclaimers

The EMDNDI is presented by ABS for the purpose of gathering information for the benefit of the public and emergency service organisations. The ABS has taken great care to ensure the information is as correct and accurate as possible.

However, the ABS does not guarantee, and accepts no legal liability whatsoever arising from, or connected to, the use of any material contained in the EMDNDI without professional advice. The ABS recommends that users obtain appropriate independent professional advice relevant to the use of EMDNDI to compile questionnaires.

From members of the ABS project team: Peter Damcevski, Anne Bartlett, Michelene Bruce, Jill Tomlinson, Renee McGrath, Adam Pursey and Linda Williams.

Preface

Natural disasters such as floods, storms, bushfires and severe cyclones occur regularly across Australia. They cause more than \$1.23 billion damage each year to homes, businesses and the nation's infrastructure, along with serious disruption to communities (BITRE analysis of Emergency Management Australia database <www.ema.gov.au>). In communities susceptible to experiencing adverse impacts from natural disasters and fire emergencies, the active pursuit of strategies to manage the associated risk is essential.

A primary aim of Governments is to dramatically reduce death and injury, and the social, economic and environmental impacts of natural disasters and fire emergencies. A well established response system can reduce the number of casualties from natural disasters and fire emergencies in some cases, such as structure fires and bushfire, and can limit the consequential damage. However, in the case of floods, coastal inundation, cyclones and storms, response measures are not alone sufficient to assist the economic and social recovery of communities. There is consensus within the emergency management community, governments and those in policy-making areas for an increased focus on proactive, effective and value for money emergency management measures to increase community safety and reduce the costs and impacts of natural disasters and emergencies. An increased focus on proactive emergency management measures also ensures that demand for emergency management services is managed as far as possible given the many variables that lead to emergencies. More recently the focus of disaster management has shifted towards disaster risk assessments, community preparedness, disaster mitigation measures, and in some Jurisdictions, recovery management.

Being prepared reduces the risk of injury and damage within a household, and facilitates a capability for coping with the temporary disruption associated with hazard activity.

Emergency Management aims to reduce the level of risk to the community of emergencies occurring, reduce the adverse effects of emergency events and improve the level and perception of safety in the community (Report on Government Services, 2006, p.8.1). Emergency Management has been considered to be a broad concept encompassing the four elements of Prevention, Preparedness, Response and Recovery.

Currently there is little information available to emergency managers and policy makers on how prepared communities are in the case of a fire and natural disaster emergency. Furthermore, current measurement questionnaires and tools are not applied consistently across Australia, and are primarily focused on structural fires rather than other hazard types.

Directory of National Data Items and Questions for Evaluation of Household Preparedness for Fire and Natural Disaster Emergencies (EMDNDI)

1.0. Introduction

1.1. Purpose of the EMDNDI

The purpose of this project is to better understand Australia's household preparedness for Fire and Natural Disaster Emergencies. It also aims to help inform decision making at the policy level by development of a nationally agreed directory of questions to measure household preparedness. EMDNDI will provide the means by which agencies can collect up-to date, comprehensive and coherent information on household preparedness.

Since risks and hazards, socio-demographic characteristics and preparedness levels vary across Australia, the development of one national "standard" survey template is not appropriate. EMDNDI is designed to provide flexibility, enabling jurisdictions and emergency managers to develop and tailor a survey template/questionnaire to their specific risks and hazards, priorities and requirements, capabilities, resourcing and funding. Each jurisdiction will therefore be able to develop its own survey template or questionnaire from EMDNDI's predetermined list of data items and questions. The ABS has advised that emergency services consult a professional in developing a survey, template or questionnaire. Data outputs from the survey/questionnaire can then be compared to other jurisdictions that have also collected data using the same data items and questions from EMDNDI.

These questions will provide a facility to ascertain how prepared households are for a disaster, and can be asked before or after a major disaster. The hazards differ from state to state. The intelligence gathered on how people respond/react to preparing for a natural disaster, or how well communication is acted upon, will give a rich picture of information that will assist agencies to determine where they need to allocate resources to help the community, in being better prepared for a natural disaster. To date there have been a few surveys on preparedness of the household or the community. Since the hazards differ from state to state, current measurement questionnaires and tools are not applied consistently across Australia. These questionnaires have been primarily focused on structural fires rather than all natural hazard types.

Use of EMDNDI by emergency service organisations will therefore ensure nationally consistent and standardised data items and questions for the collection of data on household preparedness for fire and natural disaster emergencies. These surveys will therefore become the vehicle to collect information for assessing household preparedness for fire and natural disaster emergencies with a view to improving community safety.

1.2. Scope of the EMDNDI

This project aims to better understand Australia's household preparedness for Fire and Natural Disaster Emergencies to help inform decision making at the policy level by development of a nationally agreed directory of questions to measure household preparedness. The word "Preparedness" is defined in many ways. Some of the definitions are:

Preparedness is defined as arrangements to ensure that, should an emergency occur, all those resources and services which are needed to cope with the effects can be efficiently mobilised and deployed. Also, preparedness is defined as measures to ensure that, should an emergency occur, communities, resources and services are capable of coping with the effects. (EMA. 1998) EMA also defines a prepared community as a community which has developed effective emergency management arrangements at the local level, resulting in: an alert, informed and active community

which supports its voluntary organisations; an active and involved local government; and, agreed and coordinated arrangements for prevention, preparedness, response, and recovery (EMA, 1998).

Preparedness is also defined as the results of measures to ensure, if an emergency occurs, that communities, resources and services are capable of responding to, and coping with, the effects. Activities that contribute to preparedness include: public education and training; emergency detection and response planning (including the installation of smoke alarms and/or sprinklers); hazardous chemicals and material certification, and the inspection of storage and handling arrangements; the exercising, training and testing of emergency service personnel; and standby and resource deployment and maintenance. Preparedness also involves establishing equipment standards and monitoring adherence to those standards. (Report on Government Services, 2009, 9.11)

For the purpose of this project household preparedness refers to the measures that the household have taken to ensure that they are capable of responding to and coping with the effects of a natural disaster, and what resources and services they have used to be prepared for a natural disaster. The project is scoped to provide a means of measuring how well prepared households are, should a natural disaster or a structural fire occur.

The scope of the data items in EMDNDI includes all natural disasters. More specifically, 'natural disasters' include:

- Bushfire
- Flood
- Storm
- Cyclone
- Earthquake
- Landslide
- Tsunami
- Storm surge
- Meteorite strike
- Tornado

Some data items are also applicable to structural (house) fires.

The following disasters are excluded from scope as they do not form part of the selected definitions: drought, frost, heatwave, epidemic or disaster events resulting from poor environmental planning, commercial development, or personal intervention (other than arson). Also excluded from this project are those data items and questions relating to community preparedness for biological, radiological and chemical emergencies, medical emergencies, pandemic, agricultural emergencies and terrorist attacks.

In many of the newly developed question modules, the scope is explicitly presented to the respondents in the following terms: "bushfires, floods, storms, or other natural disasters," as during cognitive testing it was found that a long list of natural disasters made the question too long and caused confusion to the householder. However when asking questions of the householder, the relevant natural disaster is to be selected.

It was decided at the front end of the contract that if the data item list from Phase 1 consists of data items with question modules that are already tested, say data items from recent ABS surveys on emergency management, these data items would not require additional cognitive testing.

Chapter 2 outlines the method by which the EMDNDI was created: the phases of its development, environmental scan and briefing session, consultation processes and the development and testing of new question modules.

Chapter 3 explains the correct use of EMDNDI, whilst Chapter 4 provides detailed advice about collection methodology. Chapter 5 lists some findings.

The EMDNDI with the question modules and accompanying information can be found in Chapter 5. This is followed by the Appendices.

2.0. EMDNDI development overview

The NDMP is a national program aimed at identifying and addressing natural disaster risk priorities across the nation. Natural Disasters such as floods, bushfires and tropical cyclones occur regularly across the Australian continent. They cause more than \$1.23 billion damage each year to homes, businesses and the nation's infrastructure, along with serious disruption to communities. Climate change will potentially affect the impact of some natural disasters, changing both their spatial and temporal distribution. "Scientific research indicates that more extreme weather events, and large-scale single events with more severe cyclones, storms and floods, are expected in the future" (Middelmann, 2007).

The EMDNDI has been prepared in accordance with the Project Plan for the Natural Disaster Mitigation Program (NDMP) of Natural Disasters Project. The Project Plan follows on from the approved NDMP Funding application and approved NDMP Work plan (including stated deliverables). The Plan has also been developed from consultations and discussions with Australian Emergency Management Stakeholders at a meeting held on 22 April 2009 in Sydney. The project has been funded on a 50/50 basis by both Australian and NSW State Government. The NSWFB are the Sponsors of the Impacts Project. COAG reviews have highlighted that there is a need for more comprehensive data on natural disasters and emergencies to make informed decisions. However, much of the required data to help make national decisions is not available. Case studies have tended to focus on one type of disaster and hence do not provide an "all hazards" view of the costs and benefits of emergency risk management investment. One section of the Impacts project is to develop an EMDNDI to help inform decision making at the policy level. The Australian Bureau of Statistics (ABS) was contracted to develop a nationally agreed directory of questions to measure this household preparedness.

The creation of EMDNDI will facilitate a consistent and standard way to capture data on household preparedness for these emergencies. The approach being undertaken is to engage stakeholders and consult widely across all Australian Jurisdictions. A Steering Committee and an Advisory Group comprising of representatives from key emergency management agencies at Commonwealth and State Government levels has been set up to achieve agreement and endorsement on this deliverable. The EMDNDI could be expanded at a later stage.

The project was conducted in two phases.

Phase 1 ran from October 2008 to the February 2009 and identified and listed the agreed data items for inclusion to the EMDNDI. Firstly, this involved an environmental scan of existing data items, questionnaires and studies on household preparedness for fire and natural disaster emergencies. Secondly, consultations and workshops with various agencies were held, to create a comprehensive list of data items.

Phase 2 ran from July 2009 to December 2009. In phase 2 the development of questions, categories and the suitable collection methods for each item was undertaken. The questions were listed into themes, with sets of questions against each data item. The grouping of questions into themes will enable the questions to be customised for the agency. When the agencies wish to put the questionnaires together they should seek professional advice. EMDNDI includes a discussion of

the advantages and disadvantages of various collection methods and other issues to be considered prior to undergoing data collection.

2.1. Environmental scan and briefing session

At various times, the ABS has been approached to survey various parts of Australia on Household or Community Preparedness for Emergencies. These topics were included at irregular times on the State Supplementary Survey. These include the Household Preparedness for Emergencies, NSW, Vic., Qld and ACT October 2007 (ABS Cat. No. 4818.0.55.001); a separate survey on a similar topic was conducted by WA in 2007 (Community Preparedness for Emergencies, WA, Oct 2007, cat. no. 4818.5); and in NSW in 2003 (Community Preparedness for Emergencies, New South Wales, October 2003, cat. no. 4818.1). It is from these surveys that the original set of data items were taken and built upon in the literature review.

A 16 day literature review of articles both from overseas and Australia was undertaken to select information that was pertinent to "household preparedness". This involved an environmental scan of existing data items, questionnaires and studies on household preparedness for fire and natural disaster emergencies. The information gleaned from the environmental scan provided guidance on best practice for improving people's awareness of being prepared for a natural disaster. A list of possible data items were either selected or formed and added to the ABS list of data items above. The environmental scan produced 353 data items for review by the stakeholders at the workshops/consultations. The data items that have come from the readings have been attributed to the authors. See Appendix E.

An initial briefing session about the project was held in Sydney to provide the background to the project, the outcomes, scope and deliverables of the project. During the session attendees advice was sought and any comments on the approach for the proposed upcoming workshops. At this briefing session four major questions were asked. These questions were:

1. Would the users like themed headings?

The representatives agreed that it would make it easier to find data items if there were categorised under themes. The theme names were to be decided in the workshops.

2. Given a long list of data items, how would the workshop attendees choose the data items?

The decision on how to choose the data items was finalised. The idea of whether the selection of the data item should be based on the type of hazard or on cost was discussed. A consensus was given that the selection of data items was not to be based on the type of natural disaster as all natural disasters are important. It was decided that the stakeholders would rate the core data items as a high, a medium or a low priority and a set of criteria was suggested. The number of data items would be limited by the funding.

3. What would be the criteria for ranking of the data items?

The session members decided on the criteria to prioritise the identified data items from the consultation process for inclusion in EMDNDI. The data items are to be prioritised as High, Medium and Low.

The Ranking Criteria for Priorities are:

High: It may be the case that:

- the question would be of major national importance;
- the question will show a 'good' direction of movement (signalling progress) and 'bad direction (signalling regress) - at least when the indicator is considered alone, with all other dimensions of progress kept equal;
- the question will be important as time series;
- a good summary of what is happening over a length of time can be developed.

Medium: *It may be the case that:*

- there is a need for data for small groups in the population and/or for small geographic areas;
- the question is important enough to ask often, and therefore it will produce timely data of good quality.

Low:

May be that there are no other suitable data sources available for the data item.

4. *What would be the criteria to decide on which questions went in the final core set?*

The next question was how to approach a long list of data items that would be rated as high in the consultation sessions, when there is a definitive amount of money to develop and test these questions. The decision was made by representatives to try to gain as much information as possible for their money. It was decided to firstly use the questions that were already tested and used in the (ABS Surveys: "4818.0.55.001 Household Preparedness for Emergencies NSW, Vic., QLD, and ACT, Oct 2007 and 4818.5 Community Preparedness for Emergencies WA (MPS) Oct, 2007). The next set of high priority data items would be decided on, in consultation with the ABS. The ABS was to provide information as to which of the data items rated high would be more cost effective to test. The ABS would then send the full list of high priority data items with these rankings to the Steering Committee for selection and approval of core highest priority data items list. The ABS emphasised at the briefing session that the final selection of data items will rest with Emergency Services.

2.2. Phase 1: Consultation process

The consultation process followed on from the briefing session with stakeholders from various states over a period of 3 months. At each workshop it was emphasised that this was emergency services chance to highlight what was needed by each agency and that the data item list was not an ABS recommendation - just a starting point for participants to comment on. The findings of the workshops and the literature review were combined. Feedback from the workshops was considered and included before the next workshop. At each stage of the consultation process updated lists of data items were circulated to all workshop members and consultants for further feedback.

The purpose of the consultations and workshops was to address the following:

- review the data item list
- select the theme names
- election of other participants that needed to be consulted
- using the criteria set, prioritise the data items

Participants were asked to consider items to delete, add or change. All data items and themes were consulted upon with the workshop participants with a view to identify and list the agreed comprehensive list of data items for inclusion to the EMDNDI. The workshop participants expanded and/or reviewed the resultant series of draft data item list to a final set of data items. Participants were also asked to prioritise data items and provide any feedback to the data item list when it was sent out at the end of the workshops. The data items list went through several consultation processes where all views were welcome.

The first workshop focussed on stakeholders from NSW. The next workshop focused on states and jurisdictions. Each workshop described the process and the scope of the project. The themes for the EMDNDI and the prioritisation of the data items was then undertaken, to help in the final decision of selecting which data items the ABS would develop questions for in the Second Phase of the project.

In the workshops it was suggested that under the general heading of Preparedness we section the EMDNDI into 4 themes. These themes are: Demographic/Dwelling Structure, Awareness, Precautionary, and Post Impact.

Through the combining of the literature review and the consultative process a final list of high priority data items was collected. Feedback from the consultation process was carefully considered in the preparation of the compiled list. The list of agencies consulted can be found at Appendix D. This list of high priority data items included data items that have already been used in the ABS Surveys: "4818.0.55.001 Household Preparedness for Emergencies NSW, Vic., QLD, and ACT, Oct 2007 and 4818.5 Community Preparedness for Emergencies WA (MPS) Oct, 2007.

The list of High Priority data items from Phase 1 were then categorised into "easy / hard / not recommended for development". To meet the budget and time frame for the overall project the number of data items that could be included in the "core" list for development in phase 2 of the Project was either:

- 25 "easy" to develop data items; or
- 12 "hard" to develop data items; or
- 15 "easy" to develop and 5 "hard" to develop data item.

The scope of Phase 2 activities was dependent on the outcome of Phase 1. For example, if the data item list from Phase 1 consists of data items with question modules that were already tested, say data items from recent ABS surveys on emergency management, it was decided that there was no need to undergo questionnaire testing. This is included in the scope to cut costs for emergency services. If however, there were data items where there are no tested question modules available there would be a period of questionnaire development and testing.

The number of data items chosen for the project was limited by the budget for the project. The Advisory Group, and Steering Committee were consulted on options from Phase 1, with regard to the number of data items and the highest priority data items to ensure the output met their outcome objectives. No further cognitive testing of any data items from recent ABS surveys on emergency management to be undertaken in this project. The extent of Phase 2 cognitive testing depended on the number of high priority data items chosen.

The full list of 353 data items with priority rankings are listed in Appendix E. From a total of 353 data items, 229 data items were rated as High. This difference of 124 data items reflects the importance placed on these rated high data items by the emergency services for using the information on household preparedness as evidence of the progress the nation is making in this area. After the first round of consultation, 4 data items were added from Geoscience, and have not been rated. After the Steering Committee consultation a total of 5 data items were added and also have not been rated. Due to financial constraints, only a relatively small set of data items have questions developed against them. The Core Set of High Priority data items which were selected from the full list of data items with a rating of High are in the EMDNDI for the final output of Phase 2.

At the end of Phase 1 of the EMDNDI the project was delayed by the sponsor whilst an internal review took place to ascertain the appropriateness of the current approach to the Natural Disaster Mitigation Program Projects. The review resulted in changes to the strategic direction and scope of the projects, with consequent impacts on process and time frames. A new project plan was drawn up encompassing the full Impact project. This required an Advisory Group and Steering Committee to be set up. The delay lasted from February 2009 until July 2009. As a consequence of this delay the selection of the core highest priority data items were sent to the ABS in July 2009. The final list of high priority data items was made by Emergency Services and the final list chosen and approved by the Steering Committee, before the ABS started the Second Phase.

The outputs from Phase 1 were:

1. Data Item List from previous ABS, State Supplementary Surveys, plus demographic data items.
2. Data Item List from Phase 1 by Themes by Priority Rankings
3. High Priority Data Item List from Phase 1
4. Agencies consulted as part of Phase 1
5. References/Bibliography

2.3. Phase 2: EMDNDI development and testing

The EMDNDI was constructed in the second half of 2009. This involved clarifying the data items requested and developing a preliminary set of question modules. This was closely followed by testing and refining these question modules, and then putting together the final EMDNDI.

The EMDNDI includes:

- themes,
- data items and rationale for data item,
- data definitions,
- proposed questions,
- suitable collection methodology,
- rationale for collection methodology
- advice that agencies should seek professional advice when using the EMDNDI to compile questionnaires

2.3.1. Cognitive testing

Cognitive testing was conducted in the ABS NSW office in August 2009. The testing covered question modules developed for the 25 new data items selected by the clients, as well as some of the State Supplementary Survey questions that were necessary for determining question populations for the new items. Each interview was up to one-hour long, conducted by a trained cognitive interviewer using the cognitive interview laboratory rooms and recording equipment. All respondents were tested in a face-to-face interview with concurrent probing.

The recruited respondents were all from the Sydney metropolitan area, but were targeted based on whether they lived in a disaster-prone area (e.g. near bush-land areas or the coast). Further recruitment waves targeted various age groups or dwelling types so that the final set of 24 respondents represented a balanced cross-section of the community.

Towards the end of the testing period, one interview respondent cancelled due to illness. This interview was not replaced, however by that stage the testing results were proving consistent across interviews so this cancellation did not have any adverse effect on testing results.

In the cognitive testing there were some scoping issues by the interview respondents around “emergency”. Many interview respondents included emergencies or other situations that involved damage to their property, or a threat to their life, even though they weren't natural disasters at all (e.g. terrorist attacks, bombs, car accidents, electrical blackouts, gas leaks, crime, medical emergencies, etc). Some respondents included emergencies that they experienced while away from their dwelling, e.g. on holidays.

Also there were some issues around ARA. Most respondents had no trouble answering on behalf of other household members. Some explained that they were excluding their younger children, as they did not expect them to have the knowledge asked about.

There were problems with the reference periods. Many respondents answered based on last 2-3 years, despite question wording starting with "In the last 12 months".

Recommendations for changes in the question modules were to:

- Provide caveats in directory regarding scope issues. Current question wording should theoretically work to put emphasis on 'natural disasters'.
- Refine emergency questions to ensure correct scope regarding experiencing the emergency at current dwelling.
- Retain current reference periods.

2.3.2. Office skirmish

Due to necessary changes made to the new data item question modules following cognitive testing, a brief skirmish (informal testing of a subset of questions) was conducted to ensure that the changes made were viable. The skirmish was conducted in ABS NSW office. Nine staff members volunteered to be asked survey questions over the phone in a 10-minute interview. The brevity was due to there being only five question modules to test.

The results of the office skirmish enabled the changes from cognitive testing to be confirmed, or else final adjustments to be made as required.

3.0. Use of the EMDNDI

3.1. Important information about the EMDNDI

The EMDNDI is intended for those organisations that plan to collect data relating to Emergency Management. It contains a list of data items, grouped by theme, which could potentially be used in a questionnaire. Suggested question modules are also included. The EMDNDI is intended to promote consistency across agencies that may be collecting information relating to Emergency Management.

The questions in the EMDNDI do not comprise a questionnaire. The suggested question modules have not been field tested in all cases, and advice from an expert should be sought before using these data items in a questionnaire.

The Directory is designed as a set of data items and questions modules and is then to be put together as a questionnaire. However where data items are dependent there is a need to ask these as a question module or a series of questions

3.2. Format of the EMDNDI

This EMDNDI contains a list of data items which have been grouped into four themes - Demographics and Dwelling Structure; Awareness; Precautionary; and Post Impact.

There are two groups of data items - the 25 new items developed specifically for this project, and the pre-existing items from the 2007 NSW/QLD/VIC/ACT State Supplementary Survey and the 2007 WA State Supplementary Survey. While these items are grouped together under the themes outlined above for the sake of clarity, there are some slight differences in their presentation. The existing items are presented strictly on the basis of individual data items, while the new items are sometimes grouped together where they are collected by one question module. There is also additional information in the 'Supplementary Information' field for the new items, such as

development notes and data item linkages, and a more exhaustive list of caveats and suggested methodologies.

Each new data item is presented with the following headings:

Identifier

This is the unique data item identifier, used to reference any data item linkages or dependencies (e.g. where one data item requires another to determine its population)

Population

This is the subset of the overall survey sample to which the data item applies. The output categories reflect these different populations.

Data Item

The descriptive name of the data item or data items where applicable. In the course of creating some question modules, additional data items are sometimes created. These additional data items are included here.

Question Module

This is where the entire working question module is stored, including the question wording, input response categories, interviewer instructions, sequencing and word substitutions. Note that for most question modules, the final response category is "Other (specify)". This is simply a blank field to record answers that fall outside the set of prescribed responses listed. Where further examination of these verbatim responses is required, this is indicated in the accompanying notes for that question module.

Output categories

These are the categories which give meaning to the data collected for the given population. For simple items, the output categories will be very similar to the input categories (i.e. the responses available in the question module), but for more complex items requiring several questions to collect, the output categories may look very different. For these items, derivation instructions are included to allow several answers from a respondent to be coded into one output category.

Supplementary Information

Includes the following sub-categories:

Required Items

References are made to other data items that are required (e.g. other items on which the present data item is dependent).

Required Collection Method

Other essential advice about how an item is to be used correctly.

Caveats

Information is given about potential data quality issues.

Relationships

Show relevant links to other items which may be of interest (e.g. other items which might add value when collected in same survey, or similar items which contain a conceptual overlap).

Collection methods

Information is given about the suitability of collection methods, and the potential issues that could arise depending on the method used.

Development

General notes about why the item was developed the way it was, notes from testing, etc.

Example graphic of the EMDNDI

<p>3</p> <p>Identifier</p>	<p>All households</p> <p>Population</p>	<p>Preferred media from which to receive emergency preparedness information</p> <p>Data item</p>	<p>Q1. What would be [your / your household's] preferred ways to receive information about how to be prepared for emergencies such as bushfires, floods, storms or other natural disasters?</p> <p><Face-to-face interview - show prompt card> <Select up to three responses> <Interviewer, if more than three are mentioned, probe for which are the three most preferred methods></p> <ol style="list-style-type: none"> 1. Brochure 2. Radio 3. TV 4. Newspaper 5. Community Display 6. Home visit by Emergency Services 7. Website 8. Telephone call 9. SMS 10. Email 11. Public meeting 12. Letter 13. Other (specify) 14. Don't know <p>→ Finished</p> <p>Word substitutions</p> <p>[your / your household's]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "your". 2. If multiple person household, insert "your household's". 	<p>Derivation:</p> <p>If Q1 answered: Output categories</p> <ol style="list-style-type: none"> 1. Brochure 2. Radio 3. TV 4. Newspaper 5. Community Display 6. Home visit by emergency services 7. Website 8. Telephone call 9. SMS 10. Email 11. Public meeting 12. Letter 13. Other 14. Not known 	<p>Required Items: ←</p> <p>#D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method ←</p> <p>No requirements</p> <p>Caveats: ←</p> <p>Preference is a person-level concept, so collection at household level can impact data quality.</p> <p>Some respondents may provide answers regarding their preferences for receiving information <i>during</i> an emergency situation. It should be made clear in any interviewer instructions that responses are only desired regarding information about preparing for emergencies.</p> <p>Relationships: ←</p> <p>No links to other items.</p> <p>Collection methods: ←</p> <p>All methods suitable. Data quality would be enhanced in face to face interviews through the use of a prompt card showing the available category choices.</p> <p>Development: ←</p> <p>No comments</p>
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3.3. Conventions used in the EMDNDI

Word substitutions

The question modules in this EMDNDI contain word substitutions. These are alternative ways to ask a question depending on a respondent's circumstances or answers previously given by the respondent. The most common form of word substitution is the distinction between people living alone and people living in a multiple person household. For lone persons, the questions use the words "you" where appropriate. For multiple person households, the questions refer to "your household" or similar. Details about the conditions required for each word substitution are provided as part of each question module in the EMDNDI. Where surveys are designed to be run using computer-assisted interviewing, the survey instrument can be programmed so that only the appropriate word substitution shows up on the screen for the interviewer. While this is the preferred method used for ABS surveys, word substitutions may also be used in paper-based questionnaires, and simply require greater attention and effort on the part of the interviewer to identify the appropriate word substitutions.

Interviewer Instructions

These are instructions usually included in a questionnaire to assist the interviewer with additional information, but are not designed to be read out. Interviewer instructions are labelled as such and *formatted in italic*.

Summary of formatting conventions

- **Bold text** is to be read out by the Interviewer. Note that question wording is always displayed in bold, and response categories are displayed in bold only when they are to be read out.
- *Italic text* is not to be read out, and is usually an instruction to the interviewer.
- [] - When square brackets appear in question wording, the enclosed text represents a word substitution.
- () - Parentheses within question wording indicates that the enclosed text is optional to read out (useful when there is no programmed word substitution available).

3.4. How to use the EMDNDI

- i. Define the objectives of the survey. Decide what questions are being asked that the survey is intended to answer.
- ii. Decide what data is needed to answer these questions. Identify data items in the EMDNDI that will provide this information.
- iii. Decide on a collection method. This will depend on a number of factors, such as cost constraints, the type of information being collected and the type of sample frame available.
- iv. Decide on sample design. It is strongly recommended that expert advice is sought when determining how the sample will be selected. The sample must be representative of the target population if accurate estimates are to be produced.
- v. Design the questionnaire. The suggested question modules provided in this EMDNDI should be used to create a questionnaire. It is recommended that expert advice is sought before a questionnaire is finalised. It is also recommended to field test the questionnaire before running a full survey.

It is particularly important that advice be sought at the questionnaire design stage as not all items have been comprehensively field tested, and also the sequencing of questions can affect the interpretation of questions and therefore the results. Therefore, since the particular data items selected for a survey will not have appeared together before, advice on context effects should be sought.

4.0. Collection methodology and other collection issues

4.1. Advantages and disadvantages of various collection methods

The collection methods shown in the final column in the EMDNDI (see section 6.0) indicate the methods by which it is possible to collect the data within the form of the questions and response categories presented. Where one collection method has significant advantages or disadvantages, this is indicated with an explanation. It should be noted, however, that none of the questions presented have been field tested using a self-enumeration method. Where there are identifiable methodological problems with using self-enumeration as a collection method, this is indicated. But it should be noted that for all items, the inclusion of self-enumeration as a suitable collection method is a theoretical inclusion only, and is untested. This method should therefore be used with caution.

4.1.1. Face to face interview

Face to face interviewing involves a trained interviewer visiting the potential respondent in person, asking the survey questions and recording the responses. This method of data collection is very effective in terms of:

- establishing rapport
- high response rates
- high quality data
- using visual prompts (e.g. prompt cards or diagrams), and
- collecting complex data

Face to face interviews are, however, very expensive to conduct. There are costs involved in personnel, time, and other resources required to obtain, retain and manage an interviewer work-force. Travelling from one respondent to another is also a cost component in face to face interviewing. In the event that an agency chooses to contract this work out, these costs will still be reflected in the costs of contracting a research company to provide this service.

Data can also potentially be subject to bias caused by the interviewer's appearance and attitude. For example, if a respondent is approached by an emergency services worker and is asked about whether they have performed certain actions in order to prepare for an emergency, then there is an increased risk of that respondent giving an inaccurate answer to gain the interviewer's approval. This is commonly known as 'social desirability bias', and can occur consciously or subconsciously on the respondent's part.

4.1.2. Telephone interview

Telephone interviews involve potential respondents being telephoned and asked the survey questions over the phone. This technique:

- reduces costs compared to face to face interviews, as fewer interviewers are needed and there are no travel costs involved
- produces more timely results, and
- call-backs for people 'not-answering' and follow-ups for additional information are relatively quick and inexpensive

Telephone interviews may have lower response rates than face to face interviews, as it is easier for people to refuse a voice on the end of a phone. There might also be greater response acquiescence over the phone, that is, respondents feel less inclined to be a "good respondent" and will give the easiest answers in order to finish the interview quickly. The quality or scope of data collected may also suffer, as it is more difficult for a respondent to evaluate complex information (such as a long and detailed list of options) when there are no aids (such as prompt cards) to assist. Where relevant, this issue has been highlighted for individual modules in the EMDNDI, and options for each collection method are provided.

4.1.3. Postal survey

In contrast to telephone and face to face methods, postal surveys are self-enumerated, meaning that the respondent must complete the survey questionnaire themselves. Questionnaires can be mailed out to potential respondents with a return-paid envelope (this is likely to increase the response rate) so that the respondent can mail back the completed form. This technique allows:

- wider geographic areas to be covered for far lower cost than face to face interviews;
- access to 'difficult-to-contact' respondents - those people who only provide post office boxes as addresses or are away from home a great deal;
- ability for respondents to select responses from long lists of categories, resulting in more thorough answers to those questions; and
- the respondent to complete the questionnaire in their own time.

The major disadvantage of postal surveys is that they have a low response rate. Questionnaire forms may not be returned by various households in the sample, resulting in a decrease in the accuracy of the estimates produced. The reliance on postal services and respondents completing the questionnaires causes data to be slow to become available due to the lag in time between when the questionnaire is mailed out and the time the questionnaire is returned. There is also a limit on the length and complexity of the questionnaire to avoid confusion or errors. This method is not appropriate for potential respondents with limited ability to read or write English unless questionnaires are provided in the appropriate language.

A variation on this method is for the questionnaire to be delivered to respondents by an interviewer who explains the aims of the survey and how to fill in the questionnaire. The questionnaire is left with the respondent to be completed and either mailed back by the respondent or picked up by the interviewer at a later date. This method provides higher response rates and better data quality than other self-enumeration surveys. The costs involved in using interviewers make this technique more expensive than postal surveys, but usually less expensive than face to face interviews.

4.1.4. Web-based survey

Web-based surveys are displayed on the internet via a standard format. The data entered in a web-based survey can be edited as they are entered, thus improving data quality. Questions can also be sequenced so that only the questions relevant to the respondent are visible. This format can produce a faster response than other self-enumeration methods. The disadvantages include increased cost in the development of a web-based survey and the need for respondents to be relatively computer literate and have easy internet access.

One major disadvantage of web-based surveys is that they often have a very low response rate. Another important issue to consider with web-based surveys is the method by which respondents are recruited. The sample design must ensure that it is representative and that there is adequate coverage. If potential respondents are contacted by phone or mail and asked to complete the questionnaire on a website, then it is subject to a similar sample design as other types of surveys. However if people need to be browsing a particular website, then this is not a valid sample due to self-selection. In particular, people who spend time on websites relating to Emergency Management are not likely to be representative of the population in general, thus making drawing inferences about the population as a whole impossible.

4.1.5. Any Responsible Adult methodology

Unless otherwise stated, all items in this EMDNDI should be suitable for use with an ARA (Any Responsible Adult) methodology. This means that the questions can be answered by a proxy within the household, answering on behalf of the respondent. The common exceptions are knowledge or opinion based questions, where it is unlikely the proxy will be able to answer the question with suitable accuracy.

4.2. Questionnaire design and sample design

All question modules used from this EMDNDI will need to be analysed for context effects when placed in a questionnaire. It is recommended that a proposed survey instrument be field tested before running a final survey.

The length of the survey being conducted should also be a primary consideration. A survey which is too long, or places too high a cognitive burden on the respondent, can lead to reduced quality of answers, especially towards the end of a survey. It is sometimes good practice to first decide what constitutes a reasonable length of survey for the population being targeted, and then to prioritise data requirements to fit within that constraint.

One important consideration that needs to be decided upon before running a survey is the treatment of households that have changed in form or location in the reference period. It can be possible for a household to change its make-up during the reference period for example, by having had a person leave the household, or a new person join. This could be problematic if the person who left the household had certain characteristics that the question is asking about, for example, they have read information about preparing for bushfires when they were part of the household, still within the 12-month reference period. Also likely is for a household to have changed their address in the reference period, which could affect some questions such as whether the household has experienced any emergencies at their current address in the last two years. For the latter example it would have to be decided whether you are more interested in emergencies that occurred at the current address, or all emergencies experienced within the last two years, regardless of where they happened.

Once decisions have been made regarding these definitional issues, it is important to maintain this standard across the collection for the sake of consistency and comparability. Definitions should also be clearly communicated in any interviewer instructions so that interviewers can confidently resolve any problems or queries that arise of this nature in the field.

4.3. Data processing

Processing data collected through running surveys based on this EMDNDI will require professional advice. Details have been provided in the EMDNDI to assist with converting raw input data into useful output categories.

The following processing stages will need to be planned for:

- Cleaning and editing raw input data
- Recoding 'other (specify)' and open response text fields
- Deriving output data items (where several questions have been used to produce one item)
- Producing weighted estimates to align with standard population benchmarks
- Presenting the output data in a logical and appropriate manner

4.4. Data analysis

The desired data output should be decided upon at the outset of planning a survey. This information should be considered when designing the questionnaire and working out methodological details. This will ensure that the final aggregated data to be analysed, meets client needs.

5.0 Recommendations for your consideration

Once the Advisory Group and the Steering Committee have approved and agreed to the deliverable, final sign off will be by the managing Sponsor, New South Wales Fire Brigade, Dawn Easton, Director Strategy and Planning. Further recommendations for your consideration in the future are:

1. From the large number of data items rated high by emergency services it was evident that there was more work required in gathering information on how prepared households were for a natural disaster. It is recommended that more of the high priority data items have questions developed against them, in the near future.
2. All emergency agencies scope their resources, but this is becoming more important and difficult in times of budget constraint. Emergency agencies are trying to improve household preparedness for Fire and Natural Disaster emergencies. Various emergency services have undertaken extensive work in the preparation of preparedness plans. The use of the information gathered from the questions in the directory, will provide the information gaps that households have in the preparation for a Fire and Natural Disaster emergency and enhance the knowledge of each agency in allocation of internal resources for the education required around household preparedness. It is recommended that a base line of information on household preparedness be set up by running a national survey, using the data items in the EMDNDI, followed by another survey in 12 months to find out if information on being prepared for natural disaster is being understood, and embraced as a behavioural change in the harsh Australian climate.
3. Once these surveys are run, funding could be sought for the survey to be run every 5 years to show change over time, and it would also show in which pockets of society, education could be used to the Emergency Services sector's best advantage.
4. It was envisaged that organisations will choose data items and associated question modules from the Directory and seek professional advice on the development of a questionnaire and other aspects of data collection.
5. This Directory could be extended to cover Recovery and Response for natural hazards.
6. An enhancement to this project would be a centralised repository for "Directory of National Data Items and Questions for Evaluation of Household Preparedness for Fire and Natural Disaster Emergencies" (EMDNDI).
7. An appropriate sub-committee of the NEMC should undertake a review after three to five years of the survey questions to determine if they have been useful and used, and to consider whether and how the set of questions should be expanded.

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**"Directory of National Data Items and Questions
for
Evaluation of Household Preparedness
for
Fire and Natural Disaster Emergencies"
(EMDNDI)**

Prepared by the Australian Bureau of Statistics

In accordance with the
Project Plan for the Natural Disaster Mitigation Program (NDMP) of Natural Disasters Project

**For presentation to the
Advisory Group and Steering Committee for approval.**

The NSW Fire Brigade (NSWFB) are the Sponsors of the Contract Material.

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**Directory of National Data Items and Questions for Evaluation of Household
Preparedness for Fire and Natural Disaster Emergencies (EMDNDI)**

Data item list

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D4	Household type	35
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60	Whether consider home to be in an area subject to bushfires	54
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6	Whether household knows what restrictions apply during a total fire ban	55
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13	Whether emergency plan includes a place to stay outside of the community	65
14	Whether emergency plan includes continued operation of life-support system	66
15	Whether the household has an emergency kit	67
16	Whether knows where to seek assistance after an emergency	68
17	Whether knows how to shut off mains utilities	69
18	Whether participated in any emergency preparedness neighbourhood programs in last 12 months	71
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135	Type(s) of emergency covered by the emergency plan(s)	73
136	Number of emergencies covered by the emergency plan(s)	73
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138	Whether household rehearsed the emergency plan(s) in the last 12 months	75
142	Whether household has agreed place to meet if evacuated or unable to return home	76
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105	Whether anyone in the household cares for any non-household members (excluding paid care)	78
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157	Whether the first aid qualification was obtained or renewed in the last 3 years	79
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161	Whether household has food, for each person in household (including visitors and pets) that does not need cooking or refrigeration	86
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164	Whether household has a portable radio with working batteries in it	86
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167	Whether household has any landline telephones	87
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168	Whether household keeps important documents together	88
171	Whether anyone in household is on medication for any long term medical conditions	88
172	Whether household keeps medications together	88
176	Whether any electrical safety switches or circuit breakers in the home	89
112	Location of electrical safety switches or circuit breakers	89
177	Whether trees/branches which could damage the home in a storm have been trimmed or removed in the last 12 months	90
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115	Whether roof or ceiling leaks when it rains	91
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189	Number of smoke alarms/detectors in working order	92
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Precautionary – Fire

19	Whether has a written Bushfire Survival Plan	95
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Post Impact

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205	Whether any major emergencies have occurred in household's area	108
206	Whether household experienced an emergency at current address in last 2 years	108
207	Most recent emergency experienced	109
208	Whether any emergency services contacted in most recent emergency	109
209	Emergency service(s) contacted in most recent emergency	109
211	Whether changes made since the most recent emergency to be better prepared for a similar emergency	110
213	Changes made since the most recent emergency to be better prepared for a similar emergency	110

Demographics / Dwelling structure

Demographics / Dwelling Structure

Identifier	Population	Data Item	Question module	Output categories	Supplementary information
D1	All households	Address	<p>What is your address?</p> <p><i>[Code automatically if address exists on survey frame]</i></p>	[according to AGSC standards]	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
D2	All households	State or territory of usual residence	Derive from #D1 (or code automatically)	<ol style="list-style-type: none"> 1. New South Wales 2. Victoria 3. Queensland 4. South Australia 5. Western Australia 6. Tasmania 7. Northern Territory 8. Australian Capital Territory 9. Other territories 	<p><u>Required Items:</u> #D1 (or code automatically)</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
D3	All households	Region of usual residence	Derive from #D1 (or code automatically)	<p><u>Broad categories:</u></p> <ol style="list-style-type: none"> 1. Capital city 2. Balance of state <p><u>Detailed categories:</u></p> <ol style="list-style-type: none"> 1. Sydney 2. Balance of New South Wales 3. Melbourne 4. Balance of Victoria 5. Brisbane 6. Balance of Queensland 7. Adelaide 8. Balance of South Australia 9. Perth 10. Balance of Western Australia 11. Hobart 12. Balance of Tasmania 13. Northern Territory 14. Australian Capital Territory 	<p><u>Required Items:</u> #D1 (or code automatically)</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

D4	All households	Household type	<p>Q1. What are the names of all the people who usually live here?</p> <p><i>Interviewer: Compile list of names for Person 1, Person 2, Person 3, etc. The remaining questions should be asked about every person named, excluding Person 1.</i></p> <p>Q2. What is [Name]'s relationship to [Person 1]?</p> <p><i>Interviewer: If response is <u>not one</u> of: 'spouse', 'partner', 'father', 'mother', 'son' (including step, foster and adopted relationships), or 'daughter' (including step, foster and adopted relationships) AND there are <u>more than 2</u> usual residents in the household → Q3</i></p> <p>Q3. Is [Name] more closely related to anyone else in the household? (For example, as a Husband/Wife, Partner or Child)</p> <p><i>Interviewer: If person is aged 15–24 → Q4</i></p> <p>Q4. Is [Name] currently studying at a school, TAFE college, university or other educational institution as a full-time student?</p>	<ol style="list-style-type: none"> 1. Couple only 2. Couple with children aged 0-14 and 15 years and over 3. Couple with children aged 0-14 years only 4. Couple with children aged 15 years and over only 5. Single parent with children aged 0-14 and 15 years and over 6. Single parent with children aged 0-14 years only 7. Single parent with children aged 15 years and over only 8. Person living alone 9. Other household type 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.</p>
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D5	All households	Household Composition	Use question module at #D4	<p><u>Broad categories:</u></p> <ol style="list-style-type: none"> 1. One family household 2. Multiple family household 3. Lone person household 4. Group household <p><u>Detailed categories:</u></p> <ol style="list-style-type: none"> 1. One family household with only family members present 2. One family household with non-family members present 3. Two family household with only family members present 4. Two family household with non-family members present 5. Three or more family household with only family members present 6. Three or more family household with non-family members present 7. Lone person household 8. Group household 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.</p>
D7	All households	Number of usual residents	Derive from #D4 or #D5	Numerical item	<p><u>Required Items:</u> #D4 or #D5</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.</p>

D8	All households	Number of usual residents aged 55 years and over in the household	Use question modules at #D4 and #D12	Numerical item	<u>Required Items:</u> #D4 or #D5 #D12 <u>Required Collection Method:</u> No requirements. <u>Caveats:</u> None. <u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.
D9	All households	Number of children aged 0 to 14 in the household	Use question modules at #D4 and #D12	<u>Standard categories:</u> 1. None 2. One 3. Two or more [or treat as Numerical item]	<u>Required Items:</u> #D4 or #D5 #D12 <u>Required Collection Method:</u> No requirements. <u>Caveats:</u> None. <u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.
D10	All households	Whether the household contained anyone aged 60 years or over	Use question modules at #D4 and #D12	1. At least one person aged 60 years or over 2. No persons aged 60 years or over	<u>Required Items:</u> #D4 or #D5 #D12 <u>Required Collection Method:</u> No requirements. <u>Caveats:</u> None. <u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.

D11	All households	Whether the household contained anyone aged 75 years or over	Use question modules at #D4 and #D12	<ol style="list-style-type: none"> 1. At least one person aged 75 years or over 2. No persons aged 75 years or over 	<p><u>Required Items:</u> #D4 or #D5 #D12</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> Not suitable for self-enumeration, due to the complexity of the sequencing required.</p>
D12	All persons	Age	<p>What was [your / [Name]'s] date of birth?</p> <p>or</p> <p>What was [your / [Name]'s] age last birthday?</p>	Numerical item	<p><u>Required Items:</u> #D4 or #D5 (to collect names of usual residents)</p> <p><u>Required Collection Method:</u> Asking for the date of birth is preferred, as it results in data that is more accurate and flexible, but asking for age last birthday is an acceptable alternative, especially when using an ARA methodology.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
D22	All households	Dwelling structure	<p>(The next questions are about factors which could affect your preparations for an emergency.)</p> <p>Is your dwelling a: Separate house? Semi-detached, row or terrace house, townhouse? Flat, unit or apartment? Another type of dwelling?</p> <p><i>[For face-to-face interviews, code automatically]</i></p>	<ol style="list-style-type: none"> 1. Separate house - One storey 2. Separate house - Two or more storeys 3. Semi-detached, row or terrace house, townhouse etc. - One storey 4. Semi-detached, row or terrace house, townhouse etc. - Two or more storeys 5. Flat, unit or apartment - In a one or two storey block 6. Flat, unit or apartment - In a three storey block 7. Flat, unit or apartment - In a four or more storey block 8. Flat, unit or apartment - Attached to a house 9. Other dwelling 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> In face to face collections, this information can be coded by the interviewer instead of asked of the respondent.</p>

D23	All households	Tenure type	<p>Q1. [Is this dwelling owned or partly owned by anyone in the household? / Do you own or partly own this dwelling?]</p> <p>1. Yes → Q3 2. No → Q2 6. Don't know [=5]</p> <p>Q2. [Is this dwelling rented by anyone in the household? / Do you rent this dwelling?]</p> <p>1. Yes [=3] 2. No [=4] 6. Don't know [=5]</p> <p>Q3. [Does anyone in this household / Do you] currently have any mortgages or secured loans on this dwelling?</p> <p>1. Yes [=2] 2. No [=1]</p> <p>Word substitutions</p> <p>[Is this dwelling owned or partly owned by anyone in the household? / Do you own or partly own this dwelling?]</p> <p>1. If lone person household, insert "Do you own or partly own this dwelling?". 2. If multiple person household, insert "Is this dwelling owned or partly owned by anyone in the household?".</p> <p>[Is this dwelling rented by anyone in the household? / Do you rent this dwelling?]</p> <p>1. If lone person household, insert "Do you rent this dwelling?". 2. If multiple person household, insert "Is this dwelling rented by anyone in the household?".</p> <p>[Does anyone in this household / Do you]</p> <p>1. If lone person household, insert "Do you". 2. If multiple person household, insert "Does anyone in this household".</p>	<p>1. Owner without a mortgage 2. Owner with a mortgage 3. Renter 4. Other 5. Not known</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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D24	All households who pay rent	Landlord type	<p>Who do [you / members of your household] pay rent to for [this / your] dwelling?</p> <p>Word substitutions</p> <p>[you / members of your household]</p> <ol style="list-style-type: none"> If lone person household, insert "you". If multiple person household, insert "members of your household". <p>[this / your]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "this". Otherwise, insert "your". 	<ol style="list-style-type: none"> Real estate agent Public/community/ co-operative housing Person not in same household Other Not stated Not known 	<p><u>Required Items:</u> #D23 - Determines the input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Note that this is a Person level item. If information about the length of time the household has lived at the current address is needed, a new question will need to be developed (considering that not everyone in the household may have been living at the address the same length of time).</p> <p><u>Collection methods:</u> All methods suitable.</p>
D25	All persons	Length of time respondent has lived at current address	<p>Q1. Have you lived in [this / your] home for 2 years or more?</p> <ol style="list-style-type: none"> Yes [=24] No → Q2 <p>Q2. How many months have you lived [here / there]?</p> <p>Word substitutions</p> <p>[this / your]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "this". Otherwise, insert "your". <p>[here / there]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "here". Otherwise, insert "there". 	<ol style="list-style-type: none"> 1 month 2 months 3 months 22 months 23 months 2 years or more 	<p><u>Required Items:</u> #D4 or #D5 (to collect names of usual residents)</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Note that this is a Person level item. If information about the length of time the household has lived at the current address is needed, a new question will need to be developed (considering that not everyone in the household may have been living at the address the same length of time).</p> <p><u>Collection methods:</u> All methods suitable.</p>

D14	All persons	Indigenous Status	<p>Is [Name] of Aboriginal or Torres Strait Islander origin?</p>	<ol style="list-style-type: none"> 1. Aboriginal 2. Torres Strait Islander 3. Both Aboriginal and Torres Strait Islander 4. Non-Indigenous 5. Not stated 	<p><u>Required Items:</u> #D4 or #D5 (to collect names of usual residents)</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
D16	All households	Whether anyone in the household does not understand English	<p>Is there anyone in [this / your] household who does not understand English?</p> <p><i>For lone person households, this can be coded automatically.</i></p> <p><u>Word substitutions</u></p> <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". 	<ol style="list-style-type: none"> 1. At least one household member does not understand English 2. All household members understand English 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Items #D16, #D17, #D18, #D19 overlap considerably, and thought should be given as to which items are most fit for purpose.</p> <p><u>Collection methods:</u> All methods suitable.</p>
D17	All households	Whether anyone in the household does not speak English	<p>Is there anyone in [this / your] household who does not speak English?</p> <p><i>For lone person households, this can be coded automatically.</i></p> <p><u>Word substitutions</u></p> <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". 	<ol style="list-style-type: none"> 1. At least one household member does not speak English 2. All household members speak English 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Items #D16, #D17, #D18, #D19 overlap considerably, and thought should be given as to which items are most fit for purpose.</p> <p><u>Collection methods:</u> All methods suitable.</p>

D18	Households with non-English speaker(s)	Whether all non-English speakers in the household would understand emergency instructions	Would [you / they] be able to understand emergency instructions in English? <i>For lone person households, this can be coded automatically.</i>	5. Not applicable 6. Yes 7. No	<u>Required Items:</u> #D17 - Determines input population <u>Required Collection Method:</u> No requirements. <u>Caveats:</u> Items #D16, #D17, #D18, #D19 overlap considerably, and thought should be given as to which items are most fit for purpose. <u>Collection methods:</u> All methods suitable.
D19	All persons	Main language spoken at home	Which language does [Name] mainly speak at home?	1. English 2. Other language	<u>Required Items:</u> #D4 or #D5 (to collect names of usual residents) <u>Required Collection Method:</u> No requirements. <u>Caveats:</u> Items #D16, #D17, #D18, #D19 overlap considerably, and thought should be given as to which items are most fit for purpose. <u>Collection methods:</u> All methods suitable.

D20	All households	Household income	<p>Before tax is taken out, how much income [do you / does the household] usually receive each (week / year) from all sources?</p> <p><i>Include: wages, salary, all government pensions and allowances, interest, dividends, superannuation, profit/loss from own business or rental property, and any other regular income.</i></p> <p><u>Word substitutions</u></p> <p>[Do you / Does the household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does the household". 	<ol style="list-style-type: none"> Under \$20000 \$20001 to \$40000 \$40001 to \$60000 \$60001 to \$80000 \$80001 to \$100000 \$10001 to \$120000 \$120001 and over 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Collecting income via a single question can be difficult, as the respondent needs to consider income from a range of sources, and difficulty is only increased by asking for income for all persons in the household. This is likely to reduce the accuracy of data collected.</p> <p>Due to the high degree of respondent burden (along with its questionable accuracy) this item is only recommended for inclusion if it will significantly add to the value of other data items collected.</p> <p><u>Collection methods:</u> All methods suitable.</p>
D21	All households	Level of highest educational attainment in household	<p>Q1. What was the highest year of primary or secondary school [Name] completed?</p> <p>The next few questions are about any educational qualifications that [Name] completed.</p> <p>Q1. Has [Name] completed a trade certificate, diploma, degree or any other educational qualification?</p> <p>Q2. What is the <u>level</u> of the highest qualification that [Name] completed?</p> <p>Q3. Has [Name] completed any other educational qualifications?</p> <p><i>[repeat for all household members]</i></p>	<ol style="list-style-type: none"> Postgraduate Degree Graduate Diploma/Graduate Certificate Bachelor Degree Advanced Diploma/Diploma Certificate III/IV Certificate I/II Certificate not further defined Year 12 Year 11 Year 10 or below Level not determined 	<p><u>Required Items:</u> #D4 or #D5 (to collect names of usual residents)</p> <p><u>Required Collection Method:</u> It is recommended that this information be collected separately for each household member, and a household level of highest educational attainment be derived.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

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Awareness

Awareness

Awareness - Communication and Information - General

Identifier	Population	Data Item	Question module	Output categories	Supplementary Information
1	a) All households b) Households that obtained information c) All households d) Household that are aware of where to obtain information e) Households that obtained information	Core item (now 1c): Whether aware of where to obtain emergency preparedness information about natural disaster emergencies a) Whether obtained information b) Where information was obtained c) Whether aware of where to obtain information d) Awareness of where to obtain information e) Whether has obtained information and worked out what to do	<p>The next questions are about emergency preparedness information relating to natural disasters.</p> <p>Q1. In the last 12 months, [have you / has your household] obtained information about how to prepare for emergencies such as bushfires, floods, storms, or other natural disasters?</p> <p>1. Yes → Q2 5. No → Q3 6. Not known → Q3</p> <p>Q2. Where did [you / your household] obtain this information? Anywhere else?</p> <p>1. Local council 2. Fire brigade 3. Police 4. SES 5. General internet search (e.g. Google) 6. Emergency services websites 7. Government or council websites 8. News websites 9. Newspaper 10. Brochures/pamphlets/leaflets 11. Television program 12. Television commercial 13. Radio 14. Other (specify)</p> <p>All → Q4</p> <p>Q3. [Do you / Does your household] know where to obtain information about how to prepare for emergencies?</p> <p>1. Yes → Q4 5. No → Finished 6. Not known → Finished</p>	<p>Data Item (a)</p> <p><u>Derivation:</u> If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>1. Has obtained information 5. Has not obtained information 6. Does not know whether household has obtained information</p> <p>Data Item (b)</p> <p><u>Derivation:</u> If Q1 = 5 or 6, then 0. If Q2 answered, then 1-14.</p> <p>0. Not applicable 1. Local council 2. Fire brigade 3. Police 4. SES 5. General internet search (e.g. Google) 6. Emergency services websites 7. Government or council websites 8. News websites 9. Newspaper 10. Brochures, pamphlets or leaflets 11. Television program 12. Television commercial 13. Radio 14. Other</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> Do not split this question module into its component questions. It is designed to be asked as a whole.</p> <p><u>Caveats:</u> Awareness and knowledge are person-level concepts, so collection at household level can impact data quality.</p> <p>The awareness data has been collected and output on a simple 'yes/no' basis. However, it should be remembered that ultimately people's awareness is a matter of degree, and they can be aware or not aware about many different things.</p> <p>Q5 and Q6 in this module are subject to a very high degree of social desirability bias towards a yes response, particularly when survey is conducted face-to-face, or by an emergency services representative. Data should therefore be treated with caution.</p> <p><u>Relationships:</u> #5, #7, #8: The concepts these data items are based on overlap considerably, with all being about the obtaining, reading or gathering of information. The implications of including these items together in a single survey should be carefully considered.</p> <p><u>Collection methods:</u> If using self-enumeration: Due to knowledge being tested, answers would need to be open-coded, and later recoded to response categories.</p>

1 – cont.			<p>Q4. Where [else] could you obtain this type of information? Anywhere else?</p> <ol style="list-style-type: none"> 1. Local council 2. Fire brigade 3. Police 4. SES 5. General internet search (e.g. Google) 6. Emergency services websites 7. Government or council websites 8. News websites 9. Newspaper 10. Brochures/pamphlets/leaflets 11. Television program 12. Television commercial 13. Radio 14. Other (specify) 15. Nowhere else <p>All → Sequence Guide 4A.</p> <p>Sequence Guide 4A.</p> <ol style="list-style-type: none"> 1. If obtained information (Q1 = 1. Yes) → Q5 2. Otherwise → Finished <p>Q5. [Have you / Has your household] acted upon any of the information you have obtained?</p> <ol style="list-style-type: none"> 1. Yes → Finished 5. No → Q6 <p>Q6. [Do you / Does your household] plan to act upon any of the information you have obtained?</p> <ol style="list-style-type: none"> 1. Yes → Finished 5. No → Finished 6. Not known → Finished 	<p>Data Item (c)</p> <p><u>Derivation:</u> If Q1 = 1, then 1 If Q3 = 1, then 1 If Q3 = 5, then 5 If Q3 = 6, then 6</p> <ol style="list-style-type: none"> 1. Aware of where to obtain information 5. Not aware of where to obtain information 6. Does not know whether household is aware of where to obtain information <p>Data Item (d)</p> <p><u>Derivation:</u> If Q3 = 5 or 6, then 0. If Q4 answered, then 1-14.</p> <ol style="list-style-type: none"> 0. Not applicable 1. Local council 2. Fire brigade 3. Police 4. SES 5. General internet search (e.g. Google) 6. Emergency services websites 7. Government or council websites 8. News websites 9. Newspaper 10. Brochures, pamphlets or leaflets 11. Television program 12. Television commercial 13. Radio 14. Other 	<p><u>Development:</u> The questions first ask about whether the household obtained information and where from, as we can assume that these people are also aware of where to obtain information. To simply ask directly whether the household is aware would have resulted in highly inaccurate data; through the social desirability bias and through respondents having different interpretations about what kinds of information the question is asking about.</p>
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1 – cont.			<p><u>Word substitutions</u></p> <p>[Have you / Has your household] 1. If lone person household, insert "have you". 2. If multiple person household, insert "has your household".</p> <p>[you / your household] 1. If lone person household, insert "you". 2. If multiple person household, insert "your household".</p> <p>[Do you / Does your household] 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household".</p> <p>[else] 1. If Q2 answered, insert "else". 2. Otherwise, leave blank.</p>	<p><u>Data Item (e)</u></p> <p><u>Derivation:</u> If Q1 = 5 or 6, then 0. If Q5 = 1, then 1. If Q6 = 1, then 1. If Q6 = 5, then 5. If Q6 = 6, then 6.</p> <p>0. Not applicable 1. Planned or took action based on information obtained 5. Did not plan or take action based on information obtained. 6. Not known whether household planned or took action based on information obtained.</p>	
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2	<p>a) All households</p> <p>b) Households that obtained information</p> <p>c) All households</p> <p>d) Household that are aware of where to obtain information</p>	<p>Core item (now 2c): Whether aware of where to seek information about roads blocked by natural disasters</p> <p>a) Whether obtained information about road blockages</p> <p>b) Where information about road blockages was obtained</p> <p>c) Whether aware of where to obtain information about road blockages</p> <p>d) Awareness of where to obtain information about road blockages</p>	<p>The next questions are about road blockages and road closures during natural disasters.</p> <p>Q1. In the last 12 months, [have you / has your household] obtained information about road blockages or road closures caused by bushfires, floods, storms, or other natural disasters?</p> <p>1. Yes → Q2</p> <p>5. No → Q3</p> <p>6. Not known → Q3</p> <p>Q2. Where did [you / your household] obtain this information? Anywhere else?</p> <p>1. Police</p> <p>2. RTA</p> <p>3. Telephone hotline</p> <p>4. Internet</p> <p>5. Radio</p> <p>6. Television</p> <p>7. Direct from emergency services personnel</p> <p>8. Brochure</p> <p>9. Other (specify)</p> <p>All → Q4</p> <p>Q3. [Do you / Does your household] know where to obtain information about road blockages or road closures?</p> <p>1. Yes → Q4</p> <p>5. No → Finished</p> <p>6. Not known → Finished</p>	<p>Data Item (a):</p> <p><u>Derivation:</u> If Q1 = 1, then 1 If Q1 = 5, then 5 If Q1 = 6, then 6</p> <p>1. Has obtained information 5. Has not obtained information 6. Does not know whether household has obtained information</p> <p>Data Item (b):</p> <p><u>Derivation:</u> If Q1 = 5 or 6, then 0. If Q2 answered, then 1-9.</p> <p>0. Not applicable 1. Police 2. RTA 3. Telephone hotline 4. Internet 5. Radio 6. Television 7. Direct from emergency services personnel 8. Brochure 9. Other</p> <p>Data Item (c):</p> <p><u>Derivation:</u> If Q1 = 1, then 1 If Q3 = 1, then 1 If Q3 = 5, then 5 If Q3 = 6, then 6</p> <p>0. Aware of where to obtain information 5. Not aware of where to obtain information 6. Does not know whether household is aware of where to obtain information</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> Do not split this question module into its component questions. It is designed to be asked as a whole.</p> <p><u>Caveats:</u> Awareness and knowledge are person-level concepts, so collection at household level can impact data quality.</p> <p>The awareness data has been collected and output on a simple 'yes/no' basis. However, it should be remembered that ultimately people's awareness is a matter of degree, and they can be aware or not aware about many different things.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> If using self-enumeration: Due to knowledge being tested, answers would need to be open-coded, and then later recoded to response categories.</p> <p><u>Development:</u> While the preamble does not add any extra information to the question, it serves to allow the respondent a few seconds to narrow their focus from emergencies in general to the much narrower topic of road blockages.</p> <p>The response categories provided in Q2 and Q4 of this question module are based upon the results of testing.</p>
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2 – cont.			<p>Q4. Where [else] could you obtain this type of information? Anywhere else?</p> <ol style="list-style-type: none"> 1. Police 2. RTA 3. Telephone hotline 4. Internet 5. Radio 6. Television 7. Direct from emergency services personnel 8. Brochure 9. Other (specify) 10. Nowhere else <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[Have you / Has your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "have you". 2. If multiple person household, insert "has your household". <p>[you / your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "you". 2. If multiple person household, insert "your household". <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". <p>[else]</p> <ol style="list-style-type: none"> 1. If Q2 answered, insert "else". 2. Otherwise, leave blank. 	<p>Data Item (d):</p> <p><u>Derivation:</u> If Q3 = 5 or 6, then 0. If Q4 answered:</p> <ol style="list-style-type: none"> 0. Not applicable 1. Police 2. RTA 3. Telephone hotline 4. Internet 5. Radio 6. Television 7. Direct from emergency services personnel 8. Brochure 9. Other 	
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3	All households	Preferred media from which to receive emergency preparedness information	<p>Q1. What would be [your / your household's] preferred ways to receive information about how to be prepared for emergencies such as bushfires, floods, storms or other natural disasters?</p> <p><Face-to-face interview - show prompt card> <Select up to three responses> <Interviewer: if more than three are mentioned, probe for which are the three most preferred methods></p> <ol style="list-style-type: none"> 1. Brochure 2. Radio 3. TV 4. Newspaper 5. Community display 6. Home visit by Emergency Services 7. Website 8. Telephone call 9. SMS 10. Email 11. Public meeting 12. Letter 13. Other (specify) 14. Don't know <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[your / your household's]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "your". 2. If multiple person household, insert "your household's". 	<p><u>Derivation:</u> If Q1 answered:</p> <ol style="list-style-type: none"> 1. Brochure 2. Radio 3. TV 4. Newspaper 5. Community display 6. Home visit by Emergency Services 7. Website 8. Telephone call 9. SMS 10. Email 11. Public meeting 12. Letter 13. Other (specify) 14. Don't know 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Preference is a person-level concept, so collection at household level can impact data quality.</p> <p>Some respondents may provide answers regarding their preferences for receiving information <i>during</i> an emergency situation. It should be made clear in any interviewer instructions that responses are only desired regarding information about preparing for emergencies.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> All methods suitable. Data quality would be enhanced in face to face interviews through the use of a prompt card showing the available category choices.</p> <p><u>Development:</u> No comments.</p>
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4	All households	<p>a) Whether aware of phone numbers to call in an emergency</p> <p>b) Phone numbers to call in an emergency that household is aware of</p>	<p>Q1. What phone numbers could you dial for help in an emergency such as a bushfire, flood, storm, or other natural disaster? Any others?</p> <p><Select all that apply></p> <ol style="list-style-type: none"> 1. 000 2. SES: 132500 (or 8922 3630 in the NT) 3. 112 (redirects to 000 on some mobile phones) 4. 106 (for use by Hearing and Speech Impaired) 5. Local police 6. Local fire brigade 7. Ambulance 8. Other (specify) 9. Not known <p>→ Finished</p>	<p>Data Item (a):</p> <p><u>Derivation:</u> If Q1 = 1-7, then 1. If Q1 = 8 <u>only</u>, then 5. If Q1 = 9, then 5.</p> <ol style="list-style-type: none"> 1. Aware of phone numbers to call. 5. Not aware of phone numbers to call. <p>Data Item (b):</p> <ol style="list-style-type: none"> 1. 000 2. SES: 132500 (or 8922 3630 in the NT) 3. 112 (redirects to 000 on some mobile phones) 4. 106 (for use by Hearing and Speech Impaired) 5. Local police 6. Local fire brigade 7. Ambulance 8. Other 9. Not known 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> For the purposes of deriving data item (a), it will need to be decided whether you will only accept knowledge of the actual phone number as 'awareness', or whether knowing the appropriate organisation or phone service to ring is sufficient, even if the exact number is not known. These choices should be made explicit in any presentation of data so that the data will be comparable with other surveys.</p> <p><u>Caveats:</u> Awareness and knowledge are person-level concepts, so collection at household level can impact data quality.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> If using self-enumeration: Due to knowledge being tested, answers would need to be open-coded, and then later recoded to response categories.</p> <p><u>Development:</u> The derivation provided presumes that any number given in the 'other (specify)' category (absent any other response) does not constitute awareness for the purpose of this data item. Following the recoding of the 'other (specify)' responses, it may be ascertained that some or all of these are valid response and should also indicate that the household is 'aware'. If so, the derivation should be adjusted accordingly.</p>
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Awareness – Communication and Information – Fire – Bushfire					
Identifier	Population	Data Item	Question module	Output categories	Supplementary Information
5	All households	Whether read any emergency preparedness information about bushfires in the last 12 months	<p>Q1. In the last 12 months, [have you / has anyone in your household] read any information about how to be prepared in the event of a bushfire?</p> <ol style="list-style-type: none"> Yes → Q2 No → Finished Don't know → Finished <p>Q2. Where did [you / your household] read this information? Anywhere else?</p> <p><Select all that apply></p> <ol style="list-style-type: none"> Brochures/pamphlets/leaflets Newspaper or magazine Emergency services website Government or council website News or other website Other (specify) <p>→ Finished</p> <p>Word substitutions</p> <p>[have you / has anyone in your household]</p> <ol style="list-style-type: none"> If lone person household, insert "have you". If multiple person household, insert "has anyone in your household". <p>[you / your household]</p> <ol style="list-style-type: none"> If lone person household, insert "you". If multiple person household, insert "your household". 	<p>Top-level categories:</p> <p><u>Derivation:</u> If Q1=1 then 1. If Q1=5 then 5. If Q1=6 then 6.</p> <ol style="list-style-type: none"> Read emergency preparedness information Did not read emergency preparedness information Not known if read emergency preparedness information <p>Detailed categories:</p> <p><u>Derivation:</u> If Q1=5 then 7. If Q1=6 then 8. If Q2=1 then 1. If Q2=2 then 2. If Q2=3 then 3. If Q2=4 then 4. If Q2=5 then 5. If Q2=6 then 6.</p> <ol style="list-style-type: none"> Read brochures or pamphlets Read newspaper or magazine article Read information on emergency services website Read information on government or council website Read information on news or other websites Read information somewhere else Did not read any information Not known if read any information 	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: Q2 is only required if using detailed output categories. Including this question offers greater flexibility, because the categories can easily be collapsed to the top-level categories. More accurate data may be obtained by later processing responses from Q2 'Other (specify)' to exclude information sources that cannot be read (e.g. TV, radio).</p> <p>Caveats: None.</p> <p>Relationships: The same question module is used for #5, #7 and #8. These items can therefore be run together at episode level if desired. Furthermore, the same question wording can be used for other emergency types if required, such as: "cyclone", "storm" or "earthquake".</p> <p>#1: The concepts that data items #5, #7 and #8 are based on overlap considerably with #1, with all being about the obtaining, reading or gathering of information. The implications of including these items together in a single survey should be carefully considered.</p> <p>Collection methods: All methods suitable.</p> <p>Development: The focus of this data item is upon 'reading' information, which is why Q1 uses the word "read", and the Q2 response categories are based on ways of receiving information through reading (as opposed to viewing or listening).</p>

60	All households	Whether consider home to be in an area subject to bushfires	<p>Do you consider [this / your] home to be in an area subject to bushfires?</p> <p><u>Word substitutions</u></p> <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". 	<ol style="list-style-type: none"> 1. Yes 2. No 3. Not known 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> Recommended for inclusion alongside questions about emergency preparedness, as it may add greater meaning to respondent's answers for those questions (e.g. explain why they have no emergency plan, haven't read materials, etc)</p> <p><u>Relationship:</u> The assessor should take into consideration the actual geographic information of the respondent to assess whether a 'yes' or 'no' response was significant.</p> <p><u>Caveats:</u> Opinions and attitudes are person-level concepts, so collection at household level can impact data quality.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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Awareness - Communication and Information - Fire

<p>6</p>	<p>a) All households b) Households that knows all/some total fire ban restrictions c) All households d) All households</p>	<p>a) Whether household knows what restrictions apply during a total fire ban b) Awareness of activities subject to restrictions during a total fire ban c) Whether household knows where to seek information about restrictions during a total fire ban d) Awareness of where to seek information about restrictions during a total fire ban</p>	<p>Q1. [Do you / Does your household] know what restrictions apply when there is a total fire ban? 1. Yes / some → Q2 5. No → Q2 6. Don't know → Q2</p> <p>Q2. What kinds of activities [are / do you think might be] subject to restrictions during a total fire ban? Anything else? <Select all that apply> 1. Lighting fires 2. Lighting barbecues 3. Using heavy machinery (e.g. tractors) 4. Using tools (e.g. welding, chain-sawing) 5. Using an incinerator 6. Burning off vegetation 7. Other (specify) 8. Don't know All → Q3</p> <p>Q3. [Do you / Does your household] know where to seek information about these restrictions? 1. Yes → Q4 5. No → Finished 6. Don't know → Finished</p>	<p>Data Item (a): <u>Derivation:</u> If Q2 = <u>all</u> of 1-6 selected, then 1. If Q2 = <u>any</u> of 1-6 selected, then 2. If Q2 = 7 (and response is valid), then 2. If Q2 = 7 (and response is invalid), then 5. If Q2 = 8, then 5. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>1. Yes, knows all restrictions. 2. Yes, knows some restrictions. 5. No, does not know restrictions. 6. Does not know whether household knows the restrictions.</p> <p>Data Item (b): <u>Derivation:</u> If Q2 answered: 1. Lighting fires 2. Lighting barbecues 3. Using heavy machinery 6. Using tools 4. Using an incinerator 5. Burning off vegetation 7. Other 8. Not known</p> <p>Data Item (c): <u>Derivation:</u> If Q3 = 1 AND Q4 contains at least one valid response, then 1. If Q3 = 1 AND Q4 contains an invalid response ONLY, then 5. If Q3 = 5, then 5. If Q3 = 6, then 6. 1. Yes, knows where to seek information about restrictions. 5. No, does not know where to seek information about restrictions. 6. Does not know whether household knows where to seek information about restrictions.</p>	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: Note that the sequencing for Q1 directs all respondents to Q2. This is because it was found during testing that respondents are often able to identify specific restrictions even after answering 'No' at Q1.</p> <p>To derive Data Item (a), the "other" responses to Q2 need to be classified either 'valid' examples of respondent knowledge (e.g. a restricted activity not included on the list), or 'invalid' examples of respondent knowledge (e.g. an activity not subject to restriction, an unrelated comment, etc.) The criteria used to determine this validity should be transparent and consistent to allow compatibility with other surveys.</p> <p>Similarly, some "other" responses to Q4 may not indicate true 'awareness' from the respondent. To allow for such cases, the derivation for Data Item (c) splits the respondents who have answered Yes at Q3 into two groups - those who have followed up with a valid example of awareness at Q4, and those who have not.</p> <p>Caveats: Awareness and knowledge are person-level concepts, so collection at household level can impact data quality.</p> <p>The awareness data has been collected and output on a simple 'yes/no' basis. However, it should be remembered that ultimately people's awareness is a matter of degree, and they can be aware or not aware about many different things.</p> <p>Q1 could be subject to social desirability bias towards a yes response, particularly when survey is conducted face-to-face, or by an emergency services representative. Data should therefore be treated with caution.</p> <p>Relationships: No links to other items.</p>
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6 – cont.			<p>Q4. Where could you seek this information? Anywhere else?</p> <ol style="list-style-type: none"> 1. Local council 2. Fire brigade 3. Police 4. SES 5. Internet search (e.g. Google) 6. Emergency services website 7. Government or council website 8. Fire danger indicator sign 9. News website 10. Newspaper 11. Brochures/pamphlets/leaflets 12. Other (specify) <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". <p>[are / do you think might be]</p> <ol style="list-style-type: none"> 1. If Q1 = 1, then insert "are". 2. If Q1 = 5 or 6, then insert "do you think might be". 	<p>Data Item (d):</p> <p><u>Derivation:</u></p> <p>If Q3 = 5, then 13. If Q3 = 6, then 14. If Q4 answered, then 1-12.</p> <ol style="list-style-type: none"> 1. Local council 2. Fire brigade 3. Police 4. SES 5. Internet search (e.g. Google) 6. Emergency services website 7. Government or council website 8. Fire danger indicator sign 9. News website 10. Newspaper 11. Brochures or pamphlets 12. Other 13. Does not know where to seek information about restrictions 14. Does not know whether household knows where to seek information about restrictions. 	<p><u>Collection methods:</u></p> <p>If using self-enumeration: Due to knowledge being tested, answers would need to be open-coded, and then later recoded to response categories.</p> <p><u>Development:</u></p> <p>During testing it became evident that almost all respondents were aware that fires should not be lit during a total fire ban, but there was no consistent definition as to whether this meant that they understood the restrictions. It was therefore decided to apply a more quantifiable measure, by collecting data on the types of activities that might be affected (trying to test knowledge of the specific restrictions that apply to those activities or the variances in regulations from state to state). Because several respondents also stated that they would know where to find out, an extra data item was also created to measure this aspect of awareness.</p>
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Awareness - Communication and Information - Fire – Structural					
7	All households	Whether read any emergency preparedness information about structural fires in the last 12 months	<p>Q1. In the last 12 months, [have you / has anyone in your household] read any information about how to be prepared in the event of a fire starting in your dwelling?</p> <ol style="list-style-type: none"> Yes → Q2 No → Finished Don't know → Finished <p>Q2. Where did [you / your household] read this information? Anywhere else?</p> <p><i>[allow multiple response]</i></p> <ol style="list-style-type: none"> Brochures/pamphlets/leaflets Newspaper or magazine Emergency services website Government or council website News or other website Other (specify) <p>→ Finished</p> <p>Word substitutions</p> <p><i>[have you / has anyone in your household]</i></p> <ol style="list-style-type: none"> If lone person household, insert "have you". If multiple person household, insert "has anyone in your household". <p><i>[you / your household]</i></p> <ol style="list-style-type: none"> If lone person household, insert "you". If multiple person household, insert "your household". 	<p>Top-level categories:</p> <p><u>Derivation:</u> If Q1=1 then 1. If Q1=5 then 5. If Q1=6 then 6.</p> <ol style="list-style-type: none"> Read emergency preparedness information Did not read emergency preparedness information Not known if read emergency preparedness information <p>Detailed categories:</p> <p><u>Derivation:</u> If Q1=5 then 7. If Q1=6 then 8. If Q2=1 then 1. If Q2=2 then 2. If Q2=3 then 3. If Q2=4 then 4. If Q2=5 then 5. If Q2=6 then 6.</p> <ol style="list-style-type: none"> Read brochures or pamphlets Read newspaper or magazine article Read information on emergency services website Read information on government or council website Read information on news or other websites Read information somewhere else Did not read any information Not known if read any information 	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: Q2 is only required if using detailed output categories. Including this question offers greater flexibility, because the categories can easily be collapsed to the top-level categories. More accurate data may be obtained by later processing responses from Q2 'Other (specify)' to exclude information sources that cannot be read (e.g. TV, radio).</p> <p>Caveats: None.</p> <p>Relationships: The same question module is used for #5, #7 and #8. These items can therefore be run together at episode level if desired. Furthermore, the same question wording can be used for other emergency types if required, such as: "cyclone", "storm" or "earthquake".</p> <p>#1: The concepts that data items #5, #7 and #8 are based on overlap considerably with #1, with all being about the obtaining, reading or gathering of information. The implications of including these items together in a single survey should be carefully considered.</p> <p>Collection methods: All methods suitable.</p> <p>Development: The focus of this data item is upon 'reading' information, which is why Q1 uses the word "read", and the Q2 response categories are based on ways of receiving information through reading (as opposed to viewing or listening).</p>

Awareness - Communication and Information – Flood					
Identifier	Population	Data Item	Question module	Output Categories	Supplementary Information
8	All households	Whether read any emergency preparedness information about floods in the last 12 months	<p>Q1. In the last 12 months, [have you / has anyone in your household] read any information about how to be prepared in the event of a flood?</p> <ol style="list-style-type: none"> Yes → Q2 No → Finished Don't know → Finished <p>Q2. Where did [you / your household] read this information? Anywhere else?</p> <p><i>[allow multiple response]</i></p> <ol style="list-style-type: none"> Brochures/pamphlets/leaflets Newspaper or magazine Emergency services website Government or council website News or other website Other (specify) <p>→ Finished</p> <p>Word substitutions</p> <p>[have you / has anyone in your household]</p> <ol style="list-style-type: none"> If lone person household, insert "have you". If multiple person household, insert "has anyone in your household". <p>[you / your household]</p> <ol style="list-style-type: none"> If lone person household, insert "you". If multiple person household, insert "your household". 	<p>Top-level categories:</p> <p><u>Derivation:</u> If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <ol style="list-style-type: none"> Read emergency preparedness information. Did not read emergency preparedness information. Not known if read emergency preparedness information. <p>Detailed categories:</p> <p><u>Derivation:</u> If Q1 = 5, then 7. If Q1 = 6, then 8. If Q2 = 1-6, then 1-6.</p> <ol style="list-style-type: none"> Read brochures or pamphlets. Read newspaper or magazine article. Read information on emergency services website. Read information on government or council website. Read information on news or other websites. Read information somewhere else. Did not read any information. Not known if read any information. 	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: Q2 is only required if using detailed output categories. Including this question offers greater flexibility, because the categories can easily be collapsed to the top-level categories. More accurate data may be obtained by later processing responses from Q2 'Other (specify)' to exclude information sources that cannot be read (e.g. TV, radio).</p> <p>Caveats: None.</p> <p>Relationships: The same question module is used for #5, #7 and #8. These items can therefore be run together at episode level if desired. Furthermore, the same question wording can be used for other emergency types if required, such as "cyclone", "storm" or "earthquake".</p> <p>#1: The concepts that data items #5, #7 and #8 are based on overlap considerably with #1, with all being about the obtaining, reading or gathering of information. The implications of including these items together in a single survey should be carefully considered.</p> <p>Collection methods: All methods suitable.</p> <p>Development: The focus of this data item is upon 'reading' information, which is why Q1 uses the word "read", and the Q2 response categories are based on ways of receiving information through reading (as opposed to viewing or listening).</p>

77	All households	Whether home could be affected by flooding from a natural water course or canal	<p>The next question is about possible flooding from a nearby natural water course such as a river, creek or lake, or from a canal.</p> <p>Could [this / your] home be affected by this kind of flooding?</p> <p><u>Word substitutions</u></p> <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". 	<ol style="list-style-type: none"> 1. Yes 2. No 3. Not known 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> Recommended for inclusion alongside questions about emergency preparedness, as it may add greater meaning to respondent's answers for those questions (e.g. explain why they have no emergency plan, haven't read materials, etc)</p> <p><u>Relationship:</u> The assessor should take into consideration the actual geographic information of the respondent to assess whether a 'yes' or 'no' response was significant.</p> <p><u>Caveats:</u> Opinions and attitudes are person-level concepts, so collection at household level can impact data quality.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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Precautionary

Precautionary

Precautionary – General					
Identifier	Population	Data Item	Question module	Output Categories	Supplementary Information
9	All households	Whether gathered emergency preparedness information and worked out what to do to prepare for emergencies	Refer to question module at #1. This item is equivalent to data item 1(e).	1. Planned or took action based on information obtained 5. Did not plan or take action based on information obtained. 6. Not known whether household planned or took action based on information obtained.	<p><u>Required Items:</u> #1 - The entire question module at this item is used. This item is equivalent to item 1(e)</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Q5 and Q6 in module #1 are subject to a very high degree of social desirability bias towards a yes response, particularly when survey is conducted face-to-face, or by an emergency services representative. Data should therefore be treated with caution.</p> <p><u>Relationships:</u> #5, #7, #8: The concepts these data items are based on overlap considerably, with all being about the obtaining, reading or gathering of information. The implications of including these items together in a single survey should be carefully considered.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> To gather information and then work out what to do requires first having obtained that information, which is why the questions in #1 are used. Question module #1 goes on to ask whether the information obtained was acted upon. Those who respond to this in the affirmative we can assume have gathered information and worked out what to do. For those who respond negatively, we then ask if they plan to act upon the information. The responses to this last question constitute the remainder of the data being sought for this data item.</p>

10	Households with emergency plan	Whether emergency plan includes more than one escape route out of dwelling	<p><i>First ask #134: Whether has an emergency plan.</i></p> <p>Q1. Does your emergency plan include how to get out of your dwelling in an emergency?</p> <p>1. Yes → Q2 5. No → Finished</p> <p>Q2. How many escape routes are included in the plan?</p> <p>1. One 2. Two or more 3. Not known</p> <p>→ Finished</p>	<p><u>Derivation:</u> If #134 = 5, then 0. If Q1 = 1 and Q2 = 2, then 1. If Q1 = 1 and Q2 = 1, then 5. If Q1 = 5, then 5. If Q2 = 3, then 6.</p> <p>0. Not applicable. 1. Plan includes more than one escape route. 5. Plan does not include more than one escape route. 6. Not known whether plan includes more than one escape route.</p>	<p><u>Required Items:</u> #134 - Determines the input population for this item.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Relationships:</u> #148 - These items overlap somewhat. #148 is less specific, and also uses entire population.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> This item is only collected from households who have an emergency plan, which may lead to a small population. The aim was to improve the accuracy of the data, by making the data more concrete, and reducing the chance of the respondent developing a plan only when questioned, and therefore a false positive.</p>
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11	Multiple person households with emergency plan	Whether emergency plan includes what to do if household members become separated	<p><i>First ask #134: Whether has an emergency plan.</i></p> <p>Sequence Guide Q1.</p> <p>1. If lone person household → Finished</p> <p>2. If multiple person household → Q2</p> <p>Q2. Does your emergency plan include what to do if household members become separated from each other just before, during, or after an emergency?</p> <p>1. Yes</p> <p>5. No</p> <p>6. Not known</p> <p>→ Finished</p>	<p><u>Derivation:</u></p> <p>If #134 = 5, then 0.</p> <p>If Q1 = 1, then 0.</p> <p>If Q2 = 1, then 1.</p> <p>If Q2 = 5, then 5.</p> <p>If Q2 = 6, then 6.</p> <p>0. Not applicable.</p> <p>1. Plan includes what to do if household members become separated.</p> <p>5. Plan does not include what to do if household members become separated.</p> <p>6. Not known whether plan includes what to do if household members become separated.</p>	<p><u>Required Items:</u></p> <p>#D4 or #D5 or #D7 - Determine input population</p> <p>#134 - Determines input population.</p> <p><u>Required Collection Method:</u></p> <p>No requirements.</p> <p><u>Caveats:</u></p> <p>Some respondents may interpret "become separated" to mean separated within the same dwelling, as opposed to being in entirely different locations external to the dwelling. It would be advisable to explain this issue in any interviewer instructions.</p> <p><u>Relationships:</u></p> <p>None.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p> <p><u>Development:</u></p> <p>This item is only collected from households who have an emergency plan, which may lead to a small population. The aim was to improve the accuracy of the data, by making the data more concrete, and reducing the chance of the respondent developing a plan only when questioned, and therefore a false positive.</p>
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12	Households with emergency plan	Whether emergency plan includes how to communicate with family and friends who are not part of the household during an emergency	<p><i>First ask #134: Whether has an emergency plan.</i></p> <p>Q1. Does your emergency plan include how to communicate with family and friends who do not live in your household, in the event of an emergency?</p> <p><i>Interviewer: Exclude hypothetical responses.</i></p> <p>1. Yes 5. No 6. Not known</p> <p>→ Finished</p>	<p><u>Derivation:</u> If #134 = 5, then 0. If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>0. Not applicable. 1. Plan includes how to communicate with family and friends. 5. Plan does not include how to communicate with family and friends. 6. Not known whether plan includes how to communicate with family and friends.</p>	<p><u>Required Items:</u> #134 - Determines the input population for this item.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Relationships:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> This item is only collected from households who have an emergency plan, which may lead to a small population. The aim was to improve the accuracy of the data, by making the data more concrete, and reducing the chance of the respondent developing a plan only when questioned, and therefore a false positive.</p>
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13	Households with emergency plan	<p>a) Whether emergency plan includes a place to stay outside of the community</p> <p>b) Whether household has discussed arrangements with that place</p>	<p><i>First ask #134: Whether has an emergency plan.</i></p> <p>Q1. Does your emergency plan include somewhere outside your community for [you / members of your household] to stay?</p> <p>1. Yes → Q2 5. No → Finished 6. Not known → Finished</p> <p>Q2. [Have you / Has your household] discussed arrangements with that place?</p> <p>1. Yes 2. No, discussion not required 3. No, discussion not possible (place is just a physical location) 5. No</p> <p>→ Finished</p> <p>Word substitutions</p> <p>[you / members of your household]</p> <p>1. If lone person household, insert "you". 2. If multiple person household, insert "members of your household".</p> <p>[Have you / Has your household]</p> <p>1. If lone person household, insert "have you". 2. If multiple person household, insert "has your household".</p>	<p>Data Item (a):</p> <p><u>Derivation A:</u> If #134 = 5, then 0. If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p><u>Derivation B:</u> If #134 = 5, then 0. If Q1 = 1 and Q2 = 1 or 3, then 1. If Q1 = 1 and Q2 = 2 or 5, then 5. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>0. Not applicable. 1. Plan includes place to stay outside community. 5. Plan does not include place to stay outside community. 6. Not known whether plan includes place to stay outside community.</p> <p>Data Item (b):</p> <p><u>Derivation:</u> If Q2 answered: 1. Household has discussed arrangements with place to stay. 2. Household has no need to discuss arrangements with place to stay. 3. Household unable to discuss arrangements with place to stay due to being a mere physical location, 5. Household has not discussed arrangements with place to stay.</p>	<p>Required Items: #134 - Determines the input population for this item. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: Those who respond with '2. No, discussion not required' or '5. No' to Q2 are placed in the output category of '5. Emergency plan does not include place to stay outside community' in Derivation B, as it is assumed that in order to be validly part of the emergency plan, the household must have made 'arrangements' with that place. If this assumption is no agreed with, then Derivation A can be used instead.</p> <p>Caveats: None.</p> <p>Relationships: #102 (Whether household has anyone to stay with if you had to leave your home). These data items overlap considerably.</p> <p>Collection methods: All methods suitable.</p> <p>Development: This item is only collected from households who have an emergency plan, which may lead to a small population. The aim was to improve the accuracy of the data, by making the data more concrete, and reducing the chance of the respondent developing a plan only when questioned, and therefore a false positive.</p> <p>From cognitive testing it was found that it is likely that many respondents will have family or friends that they can stay with, and they do not feel any need to discuss these arrangements with their family or friends. The restricted population and specific wording of this question are designed to help overcome this problem, and ensure that only places to stay explicitly included in the emergency plan are mentioned.</p>
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14	Households with emergency plan	Whether emergency plan includes continued operation of life-support system	<p><i>First ask #134: Whether has an emergency plan.</i></p> <p>Q1. [Do you / Does anyone in your household] require a life-support machine?</p> <p>1. Yes → Q2 5. No → Finished</p> <p>Q2. Does this life-support machine require a power supply to function?</p> <p>1. Yes → Q3 5. No → Finished</p> <p>Q3. Does your emergency plan include a way to ensure the continued operation of this life-support machine?</p> <p>1. Yes 5. No 6. Don't know</p> <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[Do you / Does anyone in your household]</p> <p>1. If lone person household, insert "do you". 2. If multiple person household, insert "does anyone in your household".</p>	<p><u>Derivation:</u> If #134 = 5, then 0. If Q3 = 1, then 1. If Q3 = 5, then 5. If Q3 = 6, then 6. If Q1 = 5, then 9.</p> <p>0. Not applicable 1. Plan includes continued operation of life-support system. 5. Plan does not include continued operation of life-support system. 6. Not known whether plan includes continued operation of life-support system. 9. Life support machine not required.</p>	<p><u>Required Items:</u> #134 - Determines the input population for this item. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Relationships:</u> None.</p> <p><u>Collection Methods:</u> All methods suitable.</p> <p><u>Development:</u> This item is only collected from households who have an emergency plan, which may lead to a small population. The aim was to improve the accuracy of the data, by making the data more concrete, and reducing the chance of the respondent developing a plan only when questioned, and therefore a false positive.</p> <p>Some respondents had difficulty identifying the meaning of 'life-support system', requiring the term 'life-support machine' to be used instead.</p>
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15	All households	Whether the household has an emergency kit	<p>Q1. An emergency kit contains items that provide for your household's needs during an emergency, such as a portable radio, torch, spare batteries, first aid kit, blankets, rubber gloves, contact numbers, food, or other useful items.</p> <p>Is there an emergency kit such as this in your home?</p> <p>1. Yes 5. No 6. Not known</p> <p>→ Finished</p> <p>(Source: EMA)</p>	<p><u>Derivation:</u> If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>1. Household has emergency kit 5. Household does not have emergency kit 6. Not known whether household has emergency kit</p>	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> The introduction to this question is necessary because prior testing showed that respondents generally do not know what an emergency kit is. Our cognitive testing showed that with the inclusion of an introduction, respondent understanding was greatly improved. Although emergency kits can contain more items that are listed in this introduction, it is not recommended that the introduction be lengthened in any way, as respondents tend not to pay attention to long introductions.</p>
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16	All households	<p>a) Whether knows where to seek assistance after an emergency</p> <p>b) Where would seek assistance after an emergency</p>	<p>Q1. After the immediate danger of an emergency has passed, there may be a need to seek further assistance such as emergency housing, financial aid, medical treatment, or counselling?</p> <p>In the event that [you / your household] required further assistance such as this after an emergency, where would you seek it?</p> <ol style="list-style-type: none"> 1. Insurance company 2. Bank or financial institution 3. Government department 4. Council 5. Centrelink 6. Charitable organisations (e.g. Salvation Army, Red Cross, etc) or churches 7. Hospital or medical centre 8. Psychologist or counsellor 9. Emergency services organisations/personnel (e.g. police, fire brigade, SES) 10. Family or friends 11. Through internet or other research 12. Other (specify) 13. Not known <p>→ Finished</p> <p>Word substitutions</p> <p>[you / your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "you". 2. If multiple person household, insert "your household". 	<p>Data Item (a):</p> <p><u>Derivation:</u> If Q1 = acceptable responses, then 1. If Q1 = unacceptable responses, then 5. If Q1 = 12, then 5.</p> <ol style="list-style-type: none"> 1. Aware of where to seek assistance after an emergency. 5. Not aware of where to seek assistance after an emergency. <p>Data Item (b):</p> <p><u>Derivation:</u> If Q1 answered:</p> <ol style="list-style-type: none"> 1. Insurance company 2. Bank or financial institution 3. Government department 4. Council 5. Centrelink 6. Charitable organisations (e.g. Salvation Army, Red Cross, etc) or churches 7. Hospital or medical centre 8. Psychologist or counsellor 9. Emergency services organisations/personnel (e.g. police, fire brigade, SES) 10. Family or friends 11. Through internet or other research 12. Other (specify) 13. Not known 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> In order for the Derivation to work in Data Item (a), then it must first be decided which responses constitute accurate awareness of where to go for assistance on the part of the household. The survey designers may want to exclude 'family and friends' or various 'other (specify)' responses, for instance. These choices should be made explicit in any presentation of data so that the data will be comparable with other surveys.</p> <p><u>Caveats:</u> Awareness and knowledge are person-level concepts, so collection at household level can impact data quality.</p> <p>The awareness data has been output on a simple 'yes/no' basis. However, it should be remembered that ultimately people's awareness is a matter of degree, and they can be aware or not aware about many different things.</p> <p>It is possible that responses given to this question will be based upon common sense only and not fully reflect what people would actually do following an emergency situation.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> The response categories provided were developed based upon common responses given during cognitive testing.</p>
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17	All households	<p>a) Whether knows how to shut off mains utilities</p> <p>b) Which utilities knows how to shut off</p> <p>c) When household would shut off the mains utilities</p>	<p>Q1. Does your dwelling have a gas supply?</p> <p>1. Yes 5. No 6. Not known → Q2</p> <p>Q2. [Do you / Does anyone in your household] know how to shut off utilities such as [gas,] water and electricity in the event of an emergency?</p> <p>[Interviewer: probe for which types of utilities respondent knows how and when to shut off, i.e. gas, electricity, water] <Select all that apply></p> <p>1. Gas 2. Water 3. Electricity 5. None of these [cannot be selected with any other response] 6. Not known [cannot be selected with any other response] 9. Unable to access some/all utilities due to dwelling type (e.g. apartment) → Q3</p>	<p>Data Item (a):</p> <p><u>Derivation:</u> If Q2 = 1, 2 or 3, then 1. If Q2 = 5, then 5. If Q2 = 6, then 6. If Q2 = 9 <u>only</u>, then 9.</p> <p>1. Knows how to shut off mains utilities. 5. Does not know how to shut off mains utilities. 6. Not known whether household knows how to shut off mains utilities. 9. Unable to access some/all utilities due to dwelling type (e.g. apartment).</p> <p>Data Item (b): (Multiple response item)</p> <p><u>Derivation:</u> If Q2 = 5, 6 or 9, then 0 If Q2 = 1, then 1. If Q2 = 2, then 2. If Q2 = 3, then 3.</p> <p>0. Not applicable 1. Gas 2. Water 3. Electricity</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Awareness and knowledge are person-level concepts, so collection at household level can impact data quality.</p> <p>Q2 and Q3 could be subject to social desirability bias, particularly when survey is conducted face-to-face, or by an emergency services representative. Data should therefore be treated with caution.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> If using self-enumeration: Due to knowledge being tested, answers to Q3 would need to be open-coded, and then later recoded to response categories.</p> <p><u>Development:</u> The response categories for Q3 were derived from common answers in cognitive testing. It is recommended that these categories be further refined through field testing if this question module is selected for a survey.</p>
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17 – cont.		<p>Q3. In an emergency situation, when would you shut off the < [gas] / water / electricity>?</p> <p><Loop question for each utility type></p> <ol style="list-style-type: none"> 1. Only when instructed to by authorities 2. Before evacuating from dwelling 3. If a fire threatened the home 4. During a storm/cyclone/flood 5. Would never shut off utilities in an emergency 6. Other (specify) 7. Not known <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[Do you / Does anyone in your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does anyone in your household". <p>[gas]</p> <ol style="list-style-type: none"> 1. If Q1 = 1 (yes), then insert [gas] or [gas,] 2. Otherwise, leave blank. 	<p>Data Item (c): (Multiple response item)</p> <p><u>Derivation:</u> If Q3 answered:</p> <ol style="list-style-type: none"> 1. Only when instructed to by authorities. 2. Before evacuating from dwelling. 3. If a fire threatened the home. 4. During a storm/cyclone/flood. 5. Would never shut off utilities in an emergency. 6. Other. 7. Not known. 	
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18	All households	Whether participated in any emergency preparedness neighbourhood programs in last 12 months	<p>Q1. In the last 12 months, [have you / has anyone in your household] participated in any neighbourhood programs, workshops or information sessions about preparing for emergencies?</p> <p>1. Yes → Q2 5. No → Finished 6. Not known → Finished</p> <p>Q2. What program was that?</p> <p><Allow open response></p> <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[have you / has anyone in your household]</p> <p>1. If lone person household, insert "have you". 2. If multiple person household, insert "has anyone in your household".</p>	<p><u>Derivation:</u> If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>1. Participated in neighbourhood programs. 5. Did not participate in neighbourhood programs. 6. Not known whether anyone in household participated in neighbourhood programs.</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> Q2 is a data quality check question to ensure that the programs included by respondents are of the nature intended by the data item.</p>
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134	All households	Whether household has an emergency plan	<p>The following question is about emergencies caused by events such as bushfires, floods, storms, or other natural disasters.</p> <p>Q1. [Do you / Does your household have a plan [for / that tells household members] what to do in an emergency such as this?</p> <p>1. Yes → Q2 5. No → Q3 6. Don't know [=6]</p> <p>Q2. (Does this plan / Do these plans cover what to do in: <i>Interviewer: Read out each category, select all that apply</i></p> <p>A storm or cyclone? A bushfire? A flood?</p> <p>Q3. [Do you / Does your household have a plan [for / that tells household members] what to do in any other type of emergency?</p> <p>1. Yes - a house fire [=1] 2. Yes - a medical emergency [=5] 3. Yes - other type of emergency (Specify) [code to appropriate category based on response] 5. No [=5] 6. Don't know [=6]</p>	<p>1. Has an emergency plan 5. Doesn't have an emergency plan 6. Not known</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> It was found that by asking about other emergencies, a large number of respondents listed plans for events that are not in scope for the survey, such as crimes; household accidents; as well as respondents saying they had 'general' plans. Therefore the idea would be to filter out these kinds of respondents during the survey (i.e. sequence them to either 'Yes' or 'No' as appropriate). Otherwise, this information can be later used to filter out of scope responses.</p> <p>Note that some 'other' responses (such as earthquake plans) were in scope, but not captured by Q1 or Q2, so this is another reason to include Q3, and sequence appropriate 'other' responses correctly.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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134 – cont.			<p>Word substitutions</p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". <p>[[for / that tells household members]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "for". 2. If multiple person household, insert "that tells household members". 		
135	Households with emergency plan	Type(s) of emergency covered by the emergency plan(s)	See question module for 'Whether household has emergency plan'.	<ol style="list-style-type: none"> 1. Not applicable 2. Storm/cyclone 3. Bushfire 4. Flood 5. House fire 6. Other emergency 	<p><u>Required Items:</u> #134 - Determines input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
136	Households with emergency plan	Number of emergencies covered by the emergency plan(s)	See question module for 'Whether household has emergency plan'.	<ol style="list-style-type: none"> 1. Not applicable 2. Storm/cyclone only 3. Bushfire only 4. Flood only 5. Other emergency only 6. More than one type of emergency covered 	<p><u>Required Items:</u> #134 - Determines input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

101	Households with emergency plan	<i>Whether the emergency plan(s) are written down</i>	<p>(Apart from the medical emergency plan) [Is your / Are any of your] [plan / plans] written down?</p> <p><u>Word substitutions</u></p> <p>[Is your / Are any of your]</p> <ol style="list-style-type: none"> 1. If has only one emergency plan, insert "is your". 2. If has more than one emergency plan, insert "are any of your". <p>[plan / plans]</p> <ol style="list-style-type: none"> 1. If has only one emergency plan, insert "plan". 2. If has more than one emergency plan, insert "plans". 	<ol style="list-style-type: none"> 1. Not applicable 2. No emergency plan 3. One or more written emergency plans 4. All emergency plans are unwritten 	<p><u>Required Items:</u> #134 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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138	Households with emergency plan	Whether household rehearsed the emergency plan(s) in the last 12 months	<p>[Have you / Has your household] rehearsed [your plan / any of your plans] [in the last 12 months / since moving into [this / your] home] for example, by practising or [going over / talking though] [this plan / these plans]?</p> <p><u>Word substitutions</u></p> <p>[Have you / Has your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "have you". 2. If multiple person household, insert "has your household". <p>[your plan / any of your plans]</p> <ol style="list-style-type: none"> 1. If has only one emergency plan, insert "your plan". 2. If has more than one emergency plan, insert "any of your plans". <p>[in the last 12 months / since moving into [this / your] home]</p> <ol style="list-style-type: none"> 1. If have lived in dwelling 12 months or more, insert "in the last 12 months". 2. If have lived in dwelling less than 12 months, insert "since moving into [this / your] home". <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". <p>[going over / talking though]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "going over". 2. If multiple person household, insert "talking though". <p>[this plan / these plans]</p> <ol style="list-style-type: none"> 1. If has only one emergency plan, insert "this plan". 2. If has more than one emergency plan, insert "these plans". 	<ol style="list-style-type: none"> 1. Not applicable 2. No emergency plan 3. One or more rehearsed emergency plans 4. All emergency plans are unrehearsed 	<p><u>Required Items:</u></p> <p>#134 - Determines input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u></p> <p>No requirements.</p> <p><u>Caveats:</u></p> <p>None.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p>
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142	Multiple person households	Whether household has agreed place to meet if evacuated or unable to return home	<p>If you were to be evacuated from your house or unable to return home, does your household have an agreed place to meet?</p> <p><i>Interviewer: You may need to remind the respondent that "household" refers to the occupants of the dwelling.</i></p>	<p>1. Yes 2. No</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the input population</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> This item contains partial overlap with new item #19.</p> <p><u>Collection methods:</u> All methods suitable.</p>
148	All households	Whether household members have plans for how to get out of the dwelling if there was an emergency	<p>[Do you / Does your household] have plans on how to get out of your dwelling if there was an emergency?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <p>1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household"/</p>	<p>1. Yes 2. No</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> This item overlaps considerably with new item #10.</p> <p><u>Collection methods:</u> All methods suitable.</p>
149	All households	Whether anyone in the household would need help getting out of home in an emergency	<p>In an emergency, [would you / is there anyone in your household who would] need help getting out of [this / your] dwelling?</p> <p><i>Interviewer: For example, babies, young children, elderly persons, or a householder who is mobility, visually, intellectually or hearing impaired.</i></p> <p><u>Word substitutions</u></p> <p>[would you / is there anyone in your household who would]</p> <p>1. If lone person household, insert "would you". 2. If multiple person household, insert "is there anyone in your household who would".</p> <p>[this / your]</p> <p>1. If face-to-face interview, insert "this". 2. Otherwise, insert "your".</p>	<p>1. Yes 2. No</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

150	Households with someone who needs help getting out of home in an emergency	Reason help would be required	<p>Is this help required due to:</p> <p>(Young children or babies needing help?)</p> <p>A mobility impairment?</p> <p>A visual impairment?</p> <p>An intellectual disability?</p> <p>Another type of impairment? (specify)</p>	<ol style="list-style-type: none"> 1. Not applicable 2. Young children/babies 3. Mobility impaired 4. Visually impaired 5. Intellectual disability 6. Other reason help required 7. No help required 	<p><u>Required Items:</u> #149 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
154	All households	Whether anyone in household would need transport assistance to leave area in an emergency	<p>[Would you / Is there anyone in your household who would] need help with transport to leave your area?</p> <p><u>Word substitutions</u></p> <p>[Would you / Is there anyone in your household who would]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "would you". 2. If multiple person household, insert "is there anyone in your household who would". 	<ol style="list-style-type: none"> 1. Yes 2. No 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
102	All households	Whether household has anyone to stay with if you had to leave your home	<p>[Do you / Does your household] have anyone you could stay with if you had to leave your home?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> 1. Yes 2. No 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

103	All households	Whether household has pets that would need evacuating in an emergency	<p>[Do you / Does your household] have any pets that would need evacuating in an emergency?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> Yes No 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
104	All households	Any other reasons why household members wouldn't want to leave dwelling	<p>Are there reasons [you / members of your household] would not want to leave your dwelling, in an emergency?</p> <ol style="list-style-type: none"> Concern about looters, security or vandalism To stay & protect home in a bushfire Other (specify) No reasons <p><u>Word substitutions</u></p> <p>[you / members of your household]</p> <ol style="list-style-type: none"> If lone person household, insert "you". If multiple person household, insert "members of your household". 	<ol style="list-style-type: none"> Looters, security or vandalism Stay & protect in a bushfire Other No reasons 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
105	All households	Whether anyone in the household cares for any non-household members (excluding paid care)	<p>Excluding any work as a paid carer, [do you / does anyone in your household] look after or provide care for anyone living elsewhere?</p> <p><i>Interviewer: A person who relies on someone to care for them may be affected by their carer's evacuation in an emergency.</i></p> <p><u>Word substitutions</u></p> <p>[do you / does anyone in your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does anyone in your household". 	<ol style="list-style-type: none"> Yes No 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

155	All households	Whether portable first aid kit kept inside the home	<p>Is there a portable first aid kit inside your home?</p>	<ol style="list-style-type: none"> 1. Yes 2. No 3. Not known 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
156	All households	Whether anyone in the household has a first aid qualification	<p>[Do you / Does anyone in your household] have a first aid qualification?</p> <p><i>Interviewer: A qualification completed up to ten years ago is considered acceptable.</i></p> <p><i>Interviewer: If any household member is a doctor or nurse, code to 'yes'.</i></p> <p><u>Word substitutions</u></p> <p>[Do you / Does anyone in your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you", 2. If multiple person household, insert "does anyone in your household". 	<ol style="list-style-type: none"> 1. Yes 2. No 3. Not known 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
157	Households with first aid qualification	Whether the first aid qualification was obtained or renewed in the last 3 years	<p>Was it obtained or renewed in the last 3 years?</p> <p><i>Interviewer: If any household member is a doctor or nurse, code to 'yes'.</i></p>	<ol style="list-style-type: none"> 1. Not applicable 2. Yes 3. No 4. Not known 	<p><u>Required Items:</u> #156 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

158	All households	Whether emergency phone numbers located for ease of use	Derive from #159	<ol style="list-style-type: none"> 1. Located somewhere easily accessible 2. Not located somewhere easily accessible 3. Location not known 	<p><u>Required Items:</u> #159 - Used to derive</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
159	All households	Location of emergency phone numbers	<p>The next question is about phone numbers [you / your household] might want to call in an emergency such as a fire, flood, or storm.</p> <p>Q1. Are emergency phone numbers located where they can be easily used?</p> <ol style="list-style-type: none"> 1. Yes → Q2 2. No, located somewhere else → Q2 3. No, and not displayed/stored separately [=8] 4. Don't know [=9] <p>Q2. Where are they?</p> <p><u>Word substitutions</u></p> <p>[you / your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does anyone in your household". 	<ol style="list-style-type: none"> 1. Displayed near the phone 2. On the fridge 3. Written in a phone/address book 4. Programmed into a phone 5. Other visible location (e.g. door, wall) 6. Other location not visible (e.g. memorised, carried on person) 7. Other location, not adequately described 8. Not located for ease of use (e.g. not displayed/stored separately) 9. Location not known 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

106	All households	Whether anyone in the household has a role that may require them to assist in an emergency	<p>[Do you / Does anyone in your household] have a role such as a firefighter, police officer, medical personnel, emergency services officer, volunteer or defence reserves that may require [you / them] to assist during an emergency?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does anyone in your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you", 2. If multiple person household, insert "does anyone in your household". 	<ol style="list-style-type: none"> 1. Yes 2. No 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
107	Households with emergency role	Whether role which requires household member to assist in an emergency is paid	<p>Is this role a volunteer position or paid employment?</p> <p><i>Interviewer: Include defence reserve personnel in paid employment.</i></p>	<ol style="list-style-type: none"> 1. Not applicable 2. Volunteer 3. Paid employment 4. Other 	<p><u>Required Items:</u> #106 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
108	All households	Whether anyone in the household currently volunteers for an emergency, safety or rescue organisation	<p>[Do you / Does anyone in your household] currently volunteer for any emergency, safety or rescue organisations?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does anyone in your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does anyone in your household". 	<ol style="list-style-type: none"> 1. Yes 2. No 3. Not known 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

109	Households with emergency volunteer	Emergency, safety or rescue organisation for which a household member currently volunteers	<p>Sequence Guide Q1:</p> <ol style="list-style-type: none"> 1. If interview in NSW 2. If interview in Vic 3. If interview in Qld 4. If interview in WA 5. If interview in SA 6. If interview in Tas 7. If interview in ACT 8. If interview in NT <p>Which organisations? <Select all that apply></p> <p>1. NSW:</p> <ol style="list-style-type: none"> 1. Rural Fire Service (RFS) 2. Community Fire Units (CFUs) 3. State Emergency Service (SES) 4. Volunteer Rescue Association (VRA) 5. Surf Life Saving Club (RLSC) 6. Volunteer First Aid Office (e.g. St John Ambulance) 7. Other (Specify e.g. Australian Volunteer Coast Guard, Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) <p>2. Vic:</p> <ol style="list-style-type: none"> 1. Country Fire Authority (CFA) 2. Victorian State Emergency Service (VicSES) 3. Life Saving Victoria (LSV) 4. Volunteer First Aid Office (e.g. St John Ambulance) 5. Rural Ambulance (Community Emergency Responders Team (CERT), Ambulance Community Officer) 6. Other (Specify e.g. Volunteer Coastguard Victorian Squadron, Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) 	<p>0. Not applicable</p> <ol style="list-style-type: none"> 1. Fire Service 2. State Emergency Services (SES) 3. Surf life saving club 4. Volunteer first aid office (e.g. St. John Ambulance) 5. Other organisation 6. Not known 	<p><u>Required Items:</u> #108 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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109 – cont.		<p>3. Qld:</p> <ol style="list-style-type: none"> 1. Rural Fire Service (RFS) 2. State Emergency Service (SES) 3. Honorary Ambulance Officer / Ambulance First Responder 4. Surf Life Saving Club (SLSQ) 5. Volunteer Coast Guard / Marine Rescue 6. Volunteer First Aid Office (e.g. St John Ambulance) 7. Other (Specify e.g. Royal Life Saving Queensland (RLSQ), Local Ambulance Committee. Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) <p>4. WA:</p> <ol style="list-style-type: none"> 1. Bush Fire Service / Volunteer Bush Fire Brigades 2. Fire and Rescue Services 3. Emergency Services Cadet Corps (ESCC) 4. Volunteer Marine Rescue Services 5. State Emergency Service (SES) 6. Volunteer First Aid Office (e.g. St John Ambulance) 7. Surf Life Saving 8. Other (Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) <p>5. SA:</p> <ol style="list-style-type: none"> 1. Metropolitan Fire Service 2. Country Fire Service 3. State Emergency Service (SES) 4. Volunteer First Aid Office (e.g. St John Ambulance) 5. Surf Life Saving 6. Ambulance Service 7. Other (Specify, e.g. Salvation Army, St Vincent De Paul, Meals on Wheels, and the 		
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109 – cont.		<p>Smith Family)</p> <p>6. Tas:</p> <ol style="list-style-type: none"> 1. Tasmanian Fire Service 2. Surf Life Saving 3. State Emergency Service (SES) 4. Volunteer First Aid Office (e.g. St John Ambulance) 5. Ambulance Service 6. Other (Specify, e.g. Sea Rescue / Marine Rescue associations, Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) <p>7. ACT:</p> <ol style="list-style-type: none"> 1. Rural Fire Service (RFS) 2. Community Fire Units (CFUs) 3. State Emergency Services (SES) 4. Volunteer Rescue Association (VRA) 5. Surf Life Saving Club (RLSC) 6. Volunteer First Aid Office (e.g. St John Ambulance) 7. Other (Specify e.g. AFP "Volunteers in Policing" program, Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) <p>8. NT:</p> <ol style="list-style-type: none"> 1. Fire and Rescue Service (part of the Police, Fire and Emergency Services, "The Tri-Service") 2. Emergency Service (part of the Police, Fire and Emergency Services, "The Tri-Service") 3. Surf Life Saving 4. Volunteer First Aid Office (e.g. St John Ambulance) 5. Other (specify e.g. Salvation Army, St Vincent De Paul, Meals on Wheels, and the Smith Family) 		
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160	All households	Whether household has drinking water for each person in household in bottles or containers	<p>In a widespread emergency the water or electricity may be cut-off.</p> <p>Q1. [Do you / Does your household] have any drinking water in bottles, containers or tanks?</p> <p>Q2. How many litres of this water [do you / does your household] have?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> 1. Less than 1 litre 2. 1 to less than 5 litres 3. 5 to less than 10 litres 4. 10 to less than 20 litres 5. 20 litres or more 6. Not known 7. No water in bottles/containers 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> This item currently collects the total amount of drinking water the household has available, which may or may not be sufficient for the household, depending on its size. It may be possible to collect an item which measures whether or not the household has sufficient drinking water for each person by collecting the total amount of litres available at this question (as a numeric item rather than a range), and using this combined with the number of usual residents (#D7) to derive an estimate of the amount available per person. This could then be measured against a pre-determined amount that has been defined as sufficient for each person.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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161	All households	Whether household has food, for each person in household (including visitors and pets) that does not need cooking or refrigeration	<p>Q1. [Do you / Does your household] have any food that does not need cooking or refrigeration, for example tinned food?</p> <p>Q2. How many days worth of this type of food [do you / does your household] have?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <p>1. If lone person household, insert "do you".</p> <p>2. If multiple person household, insert "does your household".</p>	<p>1. 1 -2 days of food</p> <p>2. 3 - 6 days of food</p> <p>3. 7 - 14 days of food</p> <p>4. 14 days or more of food</p> <p>5. Not known</p> <p>6. No food of this type</p>	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
163	All households	Whether household has a torch which is ready to use	<p>Is there a torch which is ready to use in your home?</p>	<p>1. Yes</p> <p>2. No</p> <p>3. Don't know</p>	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
164	All households	Whether household has a portable radio with working batteries in it	<p>Does your home have a portable radio with working batteries in it?</p> <p><i>Interviewer: Include a radio on a mobile phone.</i></p>	<p>1. Yes</p> <p>2. No</p> <p>3. Don't know</p>	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

110	All households	Number of mobile phones in household	<p>How many mobile phones [do you / does your household] have?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> None One Two Three Four Five or more Not known 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
167	All households	Whether household has any landline telephones	<p>Q1. [Do you / Does your household] have any landline telephones?</p> <p>Q2. For your landline, do you have a cordless handset, a fixed handset or both?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does your household". 	<p><u>Top-level categories:</u></p> <ol style="list-style-type: none"> Has landline telephone Does not have landline telephone <p><u>Detailed categories:</u></p> <ol style="list-style-type: none"> No landline telephone Cordless handset only Fixed handset only Both cordless and fixed handsets 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> Q2 is only required for detailed output categories.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
111	All households	Whether household has access to the internet	<p>[Do you / Does your household] have access to the internet?</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> Yes No 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

168	All households	Whether household keeps important documents together	<p>[Do you / Does your household] keep important documents, such as wills, passports or insurance policies together, so they could be easily located and taken with you in an emergency?</p> <p><i>Interviewer: If documents are located off the dwelling premises (e.g. in storage/a bank) then that is acceptable.</i></p> <p>Word substitutions</p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> Yes No 	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: No requirements.</p> <p>Caveats: None.</p> <p>Collection methods: All methods suitable.</p>
171	All households	Whether anyone in household is on medication for any long term medical conditions	<p>Some people need to take medications with them in an evacuation.</p> <p>[Are you / Is anyone in your household] on medication for any long term medical conditions?</p> <p>Word substitutions</p> <p>[Are you / Is anyone in your household]</p> <ol style="list-style-type: none"> If lone person household, insert "Are you". If multiple person household, insert "Is anyone in your household". 	<ol style="list-style-type: none"> Yes No 	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: No requirements.</p> <p>Caveats: None.</p> <p>Collection methods: All methods suitable.</p>
172	All households	Whether household keeps medications together	<p>[Do you / Does your household] keep medications together so they could be easily taken with you in an emergency?</p> <p>Word substitutions</p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> If lone person household, insert "do you". If multiple person household, insert "does your household". 	<ol style="list-style-type: none"> Yes No 	<p>Required Items: #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: No requirements.</p> <p>Caveats: None.</p> <p>Collection methods: All methods suitable.</p>

176	All households	Whether any electrical safety switches or circuit breakers in the home	<p>Are there any electrical safety switches or circuit breakers in [this / your] home?</p> <p>Word substitutions</p> <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". 	<ol style="list-style-type: none"> 1. Yes 2. No 3. Not known 	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
112	Households with safety switches or circuit breakers	Location of electrical safety switches or circuit breakers	<p>Where are they?</p> <ol style="list-style-type: none"> 1. In the fuse or meter box/ switchboard 2. At a fixed power point 3. In a portable power board 4. Other (specify) 9. Don't know 	<ol style="list-style-type: none"> 1. Not applicable 2. In the fuse or meter box 3. At a fixed power point 4. In a portable power board 5. Not adequately described 6. Not known 	<p><u>Required Items:</u> #176 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

177	Households living in any type of house	Whether trees/branches which could damage the home in a storm have been trimmed or removed in the last 12 months	<p>The next questions are about trees <u>on or near</u> [this / your] property.</p> <p>Q1. Are there any trees which could damage [this / your] home in a storm?</p> <p>Q2. Is this because, [in the last 12 months / since moving into [this / your] home], the trees have been removed, or had branches trimmed?</p> <p>Q3. Could any <u>branches</u> from the trees fall and damage [this / your] home in a storm?</p> <p>Q4. Have they been trimmed [in the last 12 months / since moving into [this/your] home]?</p> <p>Q5. Is this because they have been trimmed [in the last 12 months / since moving into [this / your] home]?</p> <p><u>Word substitutions</u></p> <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". <p>[in the last 12 months / since moving into [this / your] home]</p> <ol style="list-style-type: none"> 1. If have lived in dwelling 12 months or more, insert "in the last 12 months". 2. If have lived in dwelling less than 12 months, insert "since moving into [this / your] home". 	<ol style="list-style-type: none"> 1. Not applicable 2. No trees/branches could damage the home during the last 12 months 3. Not known whether trees/branches could damage the home during the last 12 months 4. Trimmed or removed trees/branches which could damage the home 5. Did not trim or remove trees/branches which could damage the home 6. Not known whether the trees/branches which could damage the home were trimmed 	<p><u>Required Items:</u> #D22 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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113	Households living in any type of house	Whether roof gutters around home cleared of debris in last 12 months	<p>Have the roof gutters around [this / your] home been cleared of leaves and other debris [in the last 12 months / since moving into [this / your] home]?</p> <p>Word substitutions</p> <p>[this / your]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "this". Otherwise, insert "your". <p>[in the last 12 months / since moving into [this / your] home]</p> <ol style="list-style-type: none"> If have lived in dwelling 12 months or more, insert "in the last 12 months". If have lived in dwelling less than 12 months, insert "since moving into [this / your] home". 	<ol style="list-style-type: none"> Not applicable Yes No No roof gutters at dwelling Not known 	<p><u>Required Items:</u> #D22 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
114	Households living in any type of house	Whether have leaf or gutter guards installed	<p>Are there leaf or gutter guards installed at [this / your] home?</p> <p><i>Interviewer prompt if required: A gutter guard is most commonly a long tube of wire or mesh which is inserted in the roof gutter to prevent the build-up of leaves and debris.</i></p> <p>Word substitutions</p> <p>[this / your]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "this". Otherwise, insert "your". 	<ol style="list-style-type: none"> Not applicable Leaf or gutter guards installed No leaf or gutter guards installed No roof gutters at dwelling Not known 	<p><u>Required Items:</u> #D22 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
115	Households living in any type of house	Whether roof or ceiling leaks when it rains	<p>Does your roof or ceiling leak when it rains?</p>	<ol style="list-style-type: none"> Not applicable Leaks Does not leak No exposed roof at dwelling Not known 	<p><u>Required Items:</u> #D22 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

188	All households	Number of smoke alarm/detectors	<p>Q1. Are there any smoke alarms or smoke detectors installed in [this / your] home?</p> <p>Q2. How many?</p> <p><u>Word substitutions</u></p> <p>[this / your]</p> <p>1. If face-to-face interview, insert "this".</p> <p>2. Otherwise, insert "your".</p>	<p>1. None</p> <p>2. One</p> <p>3. Two</p> <p>4. Three</p> <p>5. Four</p> <p>6. Five or more</p> <p>7. Not known</p>	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
189	Households with smoke alarms/detectors	Number of smoke alarms/detectors in working order	<p>[How many are / Is it] currently in working order?</p> <p><u>Word substitutions</u></p> <p>[How many are / Is it]</p> <p>1. If more than one smoke alarm/detector installed, insert "How many are".</p> <p>2. If only one smoke alarm/detector installed, insert "Is it".</p>	<p>1. Not applicable</p> <p>2. None in working order</p> <p>3. One</p> <p>4. Two</p> <p>5. Three</p> <p>6. Four</p> <p>7. Five or more</p> <p>8. Not known</p>	<p><u>Required Items:</u> #188 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

190	Households with smoke alarms/detectors	When smoke alarm(s)/detector(s) last manually tested during the last 12 months	<p>Q1. [Was it / Were any of them] manually tested [in the last 12 months / since moving into [this / your] home]?</p> <p>Q2. When [was it / were they] last tested?</p> <ol style="list-style-type: none"> 1. Less than 3 months ago 3. 3 months to less than 6 months ago 6. 6 months to less than 9 months ago 9. 9 months to 12 months ago <p>Word substitutions</p> <p>[Was it / Were any of them]</p> <ol style="list-style-type: none"> 1. If only one smoke alarm/detector installed, insert "Was it". 2. If more than one smoke alarm/detector installed, insert "Were any of them". <p>[in the last 12 months / since moving into [this / your] home]</p> <ol style="list-style-type: none"> 1. If have lived in dwelling 12 months or more, insert "in the last 12 months". 2. If have lived in dwelling less than 12 months, insert "since moving into [this / your] home". <p>[this / your]</p> <ol style="list-style-type: none"> 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your". <p>[was it / were they]</p> <ol style="list-style-type: none"> 1. If only one smoke alarm/detector installed, insert "was it". 2. If more than one smoke alarm/detector installed, insert "were they". 	<ol style="list-style-type: none"> 1. Not applicable 2. No smoke alarms/detectors 3. Manually tested less than 3 months ago 4. 3 months to less than 6 months ago 5. 6 months to less than 9 months ago 6. 9 to 12 months ago 7. Not tested in the last 12 months 8. Not known whether tested in the last 12 months 	<p><u>Required Items:</u> #188 - Determines input population.</p> <p><u>Required Collection Method:</u> Inclusion of #189 is also recommended.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
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191	All households	Whether any fire blankets in the home	<p>Are there any fire blankets in [this / your] home?</p> <p>Word substitutions</p> <p>[this / your]</p> <p>1. If face-to-face interview, insert "this".</p> <p>2. Otherwise, insert "your".</p>	<p>1. Yes</p> <p>2. No</p> <p>3. Not known</p>	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> Inclusion of #192 is recommended.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
192	All households	Whether any fire extinguishers in the home	<p>Are there any fire extinguishers in [this / your] home?</p> <p>Word substitutions</p> <p>[this / your]</p> <p>1. If face-to-face interview, insert "this".</p> <p>2. Otherwise, insert "your".</p>	<p>1. Yes</p> <p>2. No</p> <p>3. Not known</p>	<p><u>Required Items:</u> None.</p> <p><u>Required Collection Method:</u> Inclusion of #191 is recommended.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
116	Households with fire extinguishers	Whether any of the fire extinguishers are less than 5 years old	<p>Are any fire extinguishers less than 5 years old?</p>	<p>1. Not applicable</p> <p>2. Yes</p> <p>3. No</p> <p>4. Not known</p>	<p><u>Required Items:</u> #192 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

Precautionary - Fire					
Identifier	Population	Data Item	Question module	Output Categories	Supplementary Information
19	All households	Whether has a written Bushfire Survival Plan	<p>Q1. Firefighting authorities have produced a customisable plan for households called a [Bushfire Survival Plan / Bushfire Action Plan]. This plan is available both on the internet and in the form of a pamphlet, and provides a written outline of the steps required at each stage of a bushfire emergency. Residents then customise the plan by filling in the details relevant to their household.</p> <p>Have you ever heard of a [Bushfire Survival Plan / Bushfire Action Plan]?</p> <p>1. Yes → Q2</p> <p>5. No → Finished</p> <p>Q2. [Do you / Does your household] have one of these [Bushfire Survival Plans / Bushfire Action Plans]?</p> <p>1. Yes → Q3</p> <p>5. No → Finished</p> <p>6. Not known → Finished</p> <p>Q3. Has the plan been customized with the details relevant to your household?</p> <p>1. Yes</p> <p>5. No</p> <p>6. Not known</p> <p>→ Finished</p>	<p><u>Derivation:</u></p> <p>If Q1 = 5, then 5.</p> <p>If Q2 = 1 <u>and</u> Q3 = 1, then 1.</p> <p>If Q2 = 1 <u>and</u> Q3 = 5, then 2.</p> <p>If Q2 = 1 <u>and</u> Q3 = 6, then 3.</p> <p>If Q2 = 5, then 5.</p> <p>If Q2 = 6, then 6.</p> <p>1. Not applicable.</p> <p>2. Has plan, customized for household.</p> <p>3. Has plan, but not yet customized for household.</p> <p>4. Has plan, but not known whether customized.</p> <p>5. No plan.</p> <p>6. Not known whether household has plan.</p>	<p><u>Required Items:</u></p> <p>#D2: State or territory of usual residence. This determines the correct word-substitution to use.</p> <p>#D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u></p> <p>No requirements.</p> <p><u>Caveats:</u></p> <p>It is possible that households with a general emergency plan that covers what to do in a bushfire emergency may also answer 'yes' to Q1 and Q2 in spite of the very specific wording used, and in spite of the fact they might not actually have a "Bushfire Survival/Action Plan".</p> <p><u>Relationships:</u></p> <p>Where a survey also includes #134 "Whether has emergency plan", the effect of question order and context should be carefully considered.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p> <p><u>Development:</u></p> <p>It was discovered during testing that not many respondents know what a "Bushfire Survival Plan" actually is. Q1 acts as a filter so that only those who know what it is are asked whether they have one for their household. It is presumed that those who have not heard of it also do not have one.</p>

19 – cont.			<p><u>Word substitutions</u></p> <p>[Bushfire Survival Plan / Bushfire Action Plan]</p> <ol style="list-style-type: none"> 1. If State = VIC or NSW, insert "Bushfire Survival Plan". 2. If State = SA or WA, insert "Bushfire Action Plan". 3. Otherwise, insert name of state equivalent plan. <p>[Bushfire Survival Plans / Bushfire Action Plans]</p> <ol style="list-style-type: none"> 1. If State = VIC or NSW, insert "Bushfire Survival Plans". 2. If State = SA or WA, insert "Bushfire Action Plans". 3. Otherwise, insert name of state equivalent plans. <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". 		
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<p>20</p>	<p>Households who live in separate houses</p> <p><u>Specific populations for each data item collected:</u></p> <p>1. Households who live in separate houses</p> <p>2. Households who live in separate houses, who have fire-fighting equipment</p>	<p>a) Whether household has fire-fighting equipment</p> <p>b) Fire-fighting equipment kept at dwelling</p>	<p>Sequence Guide Q1.</p> <p>1. If separate house → Q2</p> <p>2. Otherwise → Finished</p> <p>Q2. [Do you / Does your household] have any of the following fire-fighting equipment at home? <Read out list></p> <p>1. Pressure hoses?</p> <p>2. Fire-fighting trailers or 'slip-on' units</p> <p>3. Portable fire-fighting equipment or tools?</p> <p>4. Protective clothing or gear?</p> <p>1. Yes</p> <p>5. No</p> <p>All → Sequence Guide Q3</p> <p>Sequence Guide Q3.</p> <p>1. If Q2 = 1 (yes) for item 3 <u>or</u> item 4 → Q4</p> <p>2. Otherwise → Finished</p>	<p>Data Item (a):</p> <p><u>Derivation:</u> If Q1 = 2, then 0. If Q2 = 1 (Yes) to <u>any</u> of items 1-4, then 1. If Q2 = 5 (No) to <u>all</u> of the items 1-4, then 5.</p> <p>0. Not applicable.</p> <p>1. Has fire-fighting equipment.</p> <p>5. Does not have any fire-fighting equipment.</p> <p>Data Item (b):</p> <p><u>Derivation:</u> If Q4 = 1-15, then 1-15. If Q2 = 1, then 17. If Q2 = 2, then 18.</p> <p>1. Fire extinguishers</p> <p>2. Fire pump or knapsack</p> <p>3. Fire blanket</p> <p>4. Wool blankets or towels</p> <p>5. Shovels or rakes</p> <p>6. Ladder</p> <p>7. Buckets and Mop</p> <p>8. Battery-powered radio</p> <p>9. Torch</p> <p>10. Spare batteries</p> <p>11. Protective clothing</p> <p>12. Goggles</p> <p>13. Smoke/dust mask</p> <p>14. Gloves</p> <p>15. Ordinary garden hose</p> <p>16. Other</p> <p>17. Pressure hoses</p> <p>18. Fire-fighting trailers or 'slip-on' units</p>	<p><u>Required Items:</u> #D22: Dwelling structure. This is required for sequencing. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Q4 constitutes a data quality check to ensure 'yes' responses to Q2 are valid. It is possible that respondents may omit to mention items at Q4 that they actually do have at home. Thus the data for each item could be under-reported. Reading out the list is not recommended.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> All methods suitable. Data quality would be enhanced in face to face interviews through the use of a prompt card showing the available category choices for Q4.</p> <p><u>Development:</u> No comments.</p>
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20 – cont.			<p>Q4. What fire-fighting equipment or gear do you have? <Select all that apply></p> <ol style="list-style-type: none"> 1. Fire extinguishers 2. Fire pump or knapsack 3. Fire blanket 4. Wool blankets or towels 5. Shovels or rakes 6. Ladder 7. Buckets and Mop 8. Battery-powered radio 9. Torch 10. Spare batteries 11. Protective clothing 12. Goggles 13. Smoke/dust mask 14. Gloves 15. Ordinary garden hose 16. Other (specify) <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "do you". 2. If multiple person household, insert "does your household". 		
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21	Households who live in a separate house or townhouse	Whether leaf litter and other flammable materials are cleared to at least 20 metres around dwelling	<p>Sequence Guide Q1.</p> <ol style="list-style-type: none"> If 'separate house', or 'semi-detached, row or terrace house, townhouse' → Q2 Otherwise → Finished <p>Q2. [Is / During the last fire season, was] the area around your dwelling [currently] clear of leaf litter, undergrowth, long grass, and other flammable materials?</p> <ol style="list-style-type: none"> Yes → Q3 No → Finished Not known → Finished Does not have flammable materials at dwelling to clear away → Finished <p>Q3. How far from your dwelling in metres would you estimate that this material is cleared?</p> <ol style="list-style-type: none"> Less than 5 metres → Q4 Between 5 and 10 metres → Q4 Between 10 and 20 metres → Q4 Between 20 and 30 metres → Finished More than 30 metres → Finished <p>Q4. Is the material cleared to the boundary of your property?</p> <ol style="list-style-type: none"> Yes No <p>→ Finished</p>	<p><u>Derivation:</u></p> <p>If Q1 = 2, then 0. If Q3 = 4 or 5, then 1. If Q4 = 1, then 1. If Q2 = 9, then 1. If Q4 = 5, then 5. If Q2 = 5, then 5. If Q2 = 6, then 6.</p> <ol style="list-style-type: none"> Not applicable. Clear to at least 20 metres from dwelling (or to boundary of property). Clear to less than 20 metres from dwelling (and not to property boundary). Not known if debris cleared. 	<p><u>Required Items:</u></p> <p>#D22: Dwelling structure. This is required for sequencing. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u></p> <p>If the survey is being run during the fire season, ask about whether the area around the dwelling is currently clear of flammable materials. If it is not fire season when the survey is being run, then it is more appropriate to ask about whether the area around the dwelling was clear during the last fire season.</p> <p><u>Caveats:</u></p> <p>Q2 is subject to a high degree of social desirability bias towards a yes response, particularly when survey is conducted face-to-face, or by an emergency services representative. Data should therefore be treated with caution.</p> <p>Respondents may have trouble estimating the distance around their dwelling, especially for those who live on irregular shaped properties.</p> <p><u>Relationships:</u></p> <p>#177 - These items overlap somewhat. But #177 is specifically about overhanging branches. They use the same population.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p> <p><u>Development:</u></p> <p>Cognitive testing conclusively demonstrated that regardless of the question wording, respondents included all types of flammable materials in their responses, and not just leaf litter, undergrowth and long grass.</p>
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21 – cont.			<p><u>Word substitutions</u> [Is / During the last fire season, was] 1. If survey being run during fire season, insert "is". 2. If survey not being run during fire season, insert "during the last fire season, was". [currently] 1. If survey being run during fire season, insert "currently". 2. If survey not being run during fire season, leave blank.</p>		
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Post Impact

Post-Impact

Identifier	Population	Data Item	Question module	Output Categories	Supplementary Information
22	Households who have experienced an emergency	<p>a) Whether used the internet to seek information during most recent emergency</p> <p>b) Internet sites accessed during most recent emergency</p>	<p><i>First ask #205, #206 and #207.</i></p> <p>Q1. [Do you / Does your household] have access to the internet?</p> <p>1. Yes → Q2</p> <p>5. No → Finished</p> <p>Q2. During or around the time of the <emergency type>, did [you / anyone in your household] use the internet, either to seek information about the emergency or to communicate with family, friends or emergency service agencies?</p> <p>1. Yes → Q3</p> <p>5. No → Finished</p> <p>6. Not known → Finished</p> <p>Q3. Which internet sites were accessed during the emergency? Any others?</p> <p>1. Search engine (e.g. Google or Yahoo)</p> <p>2. Social networking sites (e.g. Facebook, Twitter or MySpace)</p> <p>3. News websites</p> <p>4. Federal government websites</p> <p>5. Bureau of Meteorology website</p> <p>6. Local police</p> <p>7. Emergency service agency sites</p> <p>8. School or University websites</p> <p>9. Other (specify)</p> <p>10. Not known</p> <p>→ Finished</p>	<p>Data Item (a):</p> <p><u>Derivation:</u></p> <p>If #206 = 5 (No), then 0.</p> <p>If Q1 = 5, then 5.</p> <p>If Q2 = 1, then 1.</p> <p>If Q2 = 5, then 5.</p> <p>If Q2 = 6, then 6.</p> <p>0. Not applicable.</p> <p>1. Used internet during most recent emergency.</p> <p>5. Did not use internet during most recent emergency.</p> <p>6. Not known whether anyone in household used internet during most recent emergency.</p> <p>Data Item (b):</p> <p><u>Derivation:</u></p> <p>If #206 = 5 (No), then 0.</p> <p>If Q1 = 5, then 0.</p> <p>If Q2 = 5, then 11.</p> <p>If Q2 = 6, then 12.</p> <p>If Q3 answered, then 1-10.</p> <p>0. Not applicable</p> <p>1. Search engine (e.g. Google or Yahoo)</p> <p>2. Social networking sites (e.g. Facebook, Twitter or MySpace)</p> <p>3. News websites</p> <p>4. Federal government websites</p> <p>5. Bureau of Meteorology website</p> <p>6. Local police</p> <p>7. Emergency service agency sites</p> <p>8. School or University websites</p> <p>9. Other</p> <p>10. Not known what website was accessed during most recent emergency.</p> <p>11. Did not use internet during most recent emergency.</p> <p>12. Not known whether anyone in household used internet during emergency.</p>	<p><u>Required Items:</u></p> <p>#205: Whether the household has experienced any major emergencies in area</p> <p>#206: Whether household experienced an emergency at current address in last 2 years</p> <p>#207: Most recent emergency experienced</p> <p>#D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u></p> <p>No requirements.</p> <p><u>Caveats:</u></p> <p>None.</p> <p><u>Relationships:</u></p> <p>Q1 is identical to #111.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p> <p><u>Development:</u></p> <p>It was found during testing that many respondents say that it would be silly to use the internet during an emergency if they are trying to save their lives or evacuate, or if the electricity has been shut off. For this reason the question wording of Q2 specifically refers to "during or around the time of" the emergency, and also clarifies some of the reasons a person might use the internet.</p>

22 - cont			<p><u>Word substitutions</u></p> <p>[Do you / Does your household]</p> <ol style="list-style-type: none">1. If lone person household, insert "do you".2. If multiple person household, insert "does your household". <p>[you / anyone in your household]</p> <ol style="list-style-type: none">1. If lone person household, insert "you".2. If multiple person household, insert "anyone in your household".		
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23	Households with an emergency plan, who have experienced an emergency	Whether emergency plan followed in most recent emergency	<p><i>First ask #205, #206 and #207, and #134: Whether has an emergency plan.</i></p> <p>Q1. During the (most recent) <emergency type>, [were you / was your household] able to follow your emergency plan?</p> <p><i>Interviewer: include the words "most recent" if respondent has indicated they experienced more than one of a particular emergency type.</i></p> <p>1. Yes 5. No 6. Not known</p> <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[were you / was your household]</p> <p>1. If lone person household, insert "were you". 2. If multiple person household, insert "was your household".</p>	<p><u>Derivation:</u></p> <p>If #206 = 5 (No), then 0. If #134 = 5 (No), then 0. If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <p>0. Not applicable. 1. Followed emergency plan during most recent emergency. 5. Did not follow emergency plan during most recent emergency. 6. Not known whether household followed emergency plan during most recent emergency.</p>	<p><u>Required Items:</u></p> <p>#205: Whether the household has experienced any major emergencies in area #206: Whether household experienced an emergency at current address in last 2 years #207: Most recent emergency experienced #134: Whether has an emergency plan. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u></p> <p>Due to the very specific population of this question, a large sample size would be needed in order to collect enough data to develop accurate estimates.</p> <p><u>Caveats:</u></p> <p>None.</p> <p><u>Relationships:</u></p> <p>No links to other items.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p> <p><u>Development:</u></p> <p>This question was deliberately framed using the words "were you able" to follow the emergency plan. This was to avoid sensitivity issues with asking people whether they did or did not follow their plan, which respondents could find rude or accusatory, especially if they had recently experienced an emergency that resulted in personal loss.</p>
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24	All households	Whether anyone from the household has attended an emergency services public forum	<p>Q1. In the last 12 months, [have you / has anyone in your household] attended any kind of public forum where the topic of discussion was a recent natural disaster?</p> <ol style="list-style-type: none"> 1. Yes 5. No 6. Not known <p>Q2. What public forum was that?</p> <p><Allow open response></p> <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[have you / has anyone in your household]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "have you". 2. If multiple person household, insert "has anyone in your household". 	<p><u>Derivation:</u></p> <p>If Q1 = 1, then 1. If Q1 = 5, then 5. If Q1 = 6, then 6.</p> <ol style="list-style-type: none"> 1. Has attended emergency services public forum in last 12 months. 5. Has not attended emergency services public forum in last 12 months. 6. Not known whether attended emergency services public forum in last 12 months. 	<p><u>Required Items:</u></p> <p>#D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u></p> <p>No requirements.</p> <p><u>Caveats:</u></p> <p>None.</p> <p><u>Relationships:</u></p> <p>#205 Whether any major emergencies have occurred in household's area #206 Whether household experienced an emergency at current address in last 2 years It may be useful to use one or both of these items as a filter population.</p> <p><u>Collection methods:</u></p> <p>All methods suitable.</p> <p><u>Development:</u></p> <p>Q2 is a data quality check question to ensure that the public fora included by respondents are of the nature intended by the data item.</p>
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25	Households that had an emergency plan but did not follow it in most recent emergency	Reasons emergency plan not followed	<p><i>First ask #205, #206 and #207, and #134: Whether has an emergency plan, and #23: Whether emergency plan followed in most recent emergency</i></p> <p>Q1. What are all the reasons [you were / your household was] unable to follow your emergency plan?</p> <p><allow open response></p> <p>→ Finished</p> <p><u>Word substitutions</u></p> <p>[you were / your household was]</p> <ol style="list-style-type: none"> 1. If lone person household, insert "you were". 2. If multiple person household, insert "your household was". 	<p><u>Derivation:</u> If #206 = No, then 0. If #134 = No, then 0. If #23 = 1 (Yes), then 0. Code open response to categories 1-6 as appropriate.</p> <ol style="list-style-type: none"> 0. Not applicable. 1. Family restraints. 2. Environmental restraints. 3. Mechanical restraints. 4. Did not have emergency plan at the time. 5. Emergency plan not applicable to the emergency situation. 6. Other reasons. 	<p><u>Required Items:</u> #205: Whether the household has experienced any major emergencies in area #206: Whether household experienced an emergency at current address in last 2 years #207: Most recent emergency experienced #134: Whether has an emergency plan. #23: Whether emergency plan followed in most recent emergency #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> This question should be left as an open response, and responses coded to desired categories during later processing.</p> <p>Due to the very specific population of this question, a large sample size would be needed in order to collect enough data to develop accurate estimates.</p> <p><u>Caveats:</u> None.</p> <p><u>Relationships:</u> No links to other items.</p> <p><u>Collection methods:</u> All methods suitable.</p> <p><u>Development:</u> There may be sensitivity issues for respondents to this question, if they suffered personal loss due to the most recent emergency. In this case, self-enumeration is somewhat better than interviewer administration. This sensitivity problem is also somewhat alleviated by having deliberately framed the question using the phrase "why were you unable" instead of "why didn't you" follow your emergency plan.</p>
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25 – cont.					<p><u>Development:</u> <i>cont.</i></p> <p>It was not possible to reliably cognitive test this data item due to the specificity of the population required. No categories have been developed for this question, as this would have required extensive, tailored cognitive testing as well as field testing, which was not within the budgeted parameters of this project. We recommend that answer is collected as an open coded response, and later matched to the output categories during survey processing.</p>
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205	All households	Whether any major emergencies have occurred in household's area	<p>The next questions are about large scale emergencies resulting from events such as bushfires, floods, storms, or other natural disasters.</p> <p>Have any emergencies of this type occurred in [this / your] area since [you have / your household has] lived [here / there]?</p> <p>Word substitutions [this / your]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "this". Otherwise, insert "your". <p>[you have / your household has]</p> <ol style="list-style-type: none"> If lone person household, insert "you have". If multiple person household, insert "your household has". <p>[here / there]</p> <ol style="list-style-type: none"> If face-to-face interview, insert "here". Otherwise, insert "there". 	<ol style="list-style-type: none"> Yes No Not known 	<p><u>Required Items:</u> #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
206	Households that have had emergency in area	Whether household experienced an emergency at current address in last 2 years	<p>In the last 2 years, [have you / has your household] experienced any of the following at your current address:</p> <ol style="list-style-type: none"> A bushfire that threatened your home? A flood that threatened your home? A storm or cyclone that damaged your home? Another type of natural disaster that affected your home? (specify) (Allow text entry 100 characters) None of the above <p>Word substitutions [Have you / Has your household]</p> <ol style="list-style-type: none"> If lone person household, insert "have you". If multiple person household, insert "has your household". 	<ol style="list-style-type: none"> Not applicable Bushfire Flood Storm / cyclone Other natural disaster No emergency experienced 	<p><u>Required Items:</u> #205 - Determines input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> Expect little problem with memory recall of emergencies, given that these are memorable events. But this also leads to a greater probability for telescoping (i.e. including items outside the timeframe).</p> <p><u>Collection methods:</u> All methods suitable.</p>

207	Households who have experienced an emergency	Most recent emergency experienced	<p>Which of these emergencies was the most recent?</p> <p><i>[coded automatically for households with one emergency only]</i></p>	<ol style="list-style-type: none"> 1. Not applicable 2. Bushfire 3. Flood 4. Storm / cyclone 5. Other natural disaster 	<p><u>Required Items:</u> #206 - Determines input population, and also provides answer automatically if only one emergency has been experienced.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
208	Households who have experienced an emergency	Whether any emergency services contacted in most recent emergency	<p>[The following questions are about the (most recent) <emergency>.]</p> <p>In that <emergency>, were any emergency services contacted?</p> <p><u>Word substitutions</u></p> <p>[The following questions are about the (most recent) <emergency>.]</p> <ol style="list-style-type: none"> 1. If appropriate for question order, insert "The following questions are about the (most recent) <emergency>." 2. Otherwise, leave blank. 	<ol style="list-style-type: none"> 1. Not applicable 2. Yes 3. No 4. Not known 	<p><u>Required Items:</u> #207 - Determines input population and word substitutions.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>
209	Households that contacted emergency services in most recent emergency	Emergency service(s) contacted in most recent emergency	<p>Which services were contacted?</p>	<ol style="list-style-type: none"> 1. Not applicable 2. Fire service 3. State Emergency Services 4. Ambulance 5. Police 6. Other 	<p><u>Required Items:</u> #208 - Determines input population.</p> <p><u>Required Collection Method:</u> No requirements.</p> <p><u>Caveats:</u> None.</p> <p><u>Collection methods:</u> All methods suitable.</p>

211	Households who have experienced an emergency	Whether changes made since the most recent emergency to be better prepared for a similar emergency	<p>Since the <emergency>, [have you / has your household] made any changes to [this / your] home to be better prepared for a similar emergency in future?</p> <p><i>Interviewer: Exclude repairs</i></p> <p>Word substitutions [Have you / Has your household] 1. If lone person household, insert "have you". 2. If multiple person household, insert "has your household".</p> <p>[this / your] 1. If face-to-face interview, insert "this". 2. Otherwise, insert "your".</p>	<ol style="list-style-type: none"> 1. Not applicable 2. Yes 3. No 4. Not known 	<p>Required Items: #207 - Determines input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: No requirements.</p> <p>Caveats: None.</p> <p>Collection methods: All methods suitable.</p>
213	Households that have made changes since most recent emergency	Changes made since the most recent emergency to be better prepared for a similar emergency	<p>Q1. What changes were made?</p> <p><i>Interviewer: Exclude repairs</i></p> <p>Q2. Since the <emergency>, [have you / has your household] taken any other action to be better prepared for a similar emergency (in future)?</p> <p><i>Interviewer prompt if required:</i></p> <p>Such as greater safety awareness, more regular home maintenance.</p> <p>Word substitutions [Have you / Has your household] 1. If lone person household, insert "have you". 2. If multiple person household, insert "has your household".</p>	<ol style="list-style-type: none"> 1. Not applicable 2. Installed safety switch or surge protector 3. Installed smoke alarm 4. Installed gutterguards 5. Upgraded switchboard 6. Upgraded dwelling structure (e.g. roofing, guttering, windows) 7. Installed or upgraded property's drainage (e.g. dug or diverted drainage ditches) <p>Changes to behaviour</p> <ol style="list-style-type: none"> 8. Regularly tested smoke alarms 9. Devised or practised an emergency plan 10. Improved home maintenance 11. Removed and/or trimmed trees 12. Kept emergency numbers handy 13. Acquired fire extinguisher, fire blanket or first aid kit 14. Changes to personal habits and awareness (e.g. cooking, appliance use) 15. Created or maintained a stock of ancillary equipment for emergencies (e.g. torch, radio, hoses, water pump) 16. Other changes (specify) 	<p>Required Items: #211 - Determines input population. #D4 or #D5 or #D7 - Determine the correct word-substitutions to use.</p> <p>Required Collection Method: No requirements.</p> <p>Caveats: None.</p> <p>Collection methods: All methods suitable.</p>

(Source: ABS)