



## **Appendix 1**

**This appendix was part of the submitted manuscript and has been peer reviewed.  
It is posted as supplied by the authors.**

Appendix to: Nicholson AK, Borland R, van der Sterren AE, et al. Social acceptability and desirability of smoking in a national sample of Aboriginal and Torres Strait Islander people. *Med J Aust* 2015; 202 (10 Suppl): S57-S62. doi: 10.5694/mja14.01534.

## Appendix 1, part A: Questions from the Talking About the Smokes baseline survey

The entire Talking About the Smokes baseline survey is located at:

<http://www.itcproject.org/countries/australia/tats>

Question	Comments
<b>Attitudinal items</b>	
<p>Mainstream society disapproves of smoking</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul> <p><i>This refers to your perception of the majority view among Australians who are not Aboriginal or Torres Strait Islander people</i></p>	<p>Ask all. ITC variation in Appendix 1B.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.</p> <p>Converted to dichotomous outcome with agree and strongly agree assessed as holding this attitude.</p>
<p>Aboriginal and/or Torres Strait Islander community leaders where you live disapprove of smoking</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask all. No ITC Australia comparison.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.</p> <p>Converted to dichotomous outcome with agree and strongly agree assessed as holding this attitude.</p>
<p>There are fewer places and fewer places you [would] feel comfortable smoking</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask smokers and ex-smokers quit 12 months or less. ITC Australia comparison in Appendix 1B.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.</p> <p>Converted to dichotomous outcome with agree and strongly agree assessed as holding this attitude.</p>
<p>Being a non-smoker a good example to children</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask smokers and ex-smokers quit 12 months or less. No ITC Australia comparison.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.</p> <p>Converted to dichotomous outcome with agree and strongly agree assessed as holding this attitude</p>

<p>Non-smokers miss out all the good gossip/yarning</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask all. No ITC Australia comparison.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.</p> <p>Converted to dichotomous outcome with agree and strongly agree assessed as holding this attitude</p>
<p>The government should do more to tackle the harm done to Aboriginal and Torres Strait Islander people that is caused by smoking</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask All. ITC Australia comparison in Appendix 1B.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.</p> <p>Converted to dichotomous outcome with agree and strongly agree assessed as holding this attitude</p>
<p>You are excluded from things because you are a non-smoker (now)</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask ex-smokers and never-smokers. No ITC Australia comparison.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded</p>
<p>You are pressured by smokers to take up smoking (again)</p> <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	<p>Ask ex-smokers and never-smokers. No ITC Australia comparison.</p> <p>'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded</p>
<p><b>Smoking and quitting</b></p>	
<p>Would you say you are:</p> <ul style="list-style-type: none"> <li>• A smoker (including 'social smoker' or occasional smoker)</li> <li>• An ex-smoker</li> <li>• Someone who has never smoked, or never smoked regularly</li> </ul> <p><i>Never smoker or never smoked regularly = less than</i></p>	<p>These three smoking questions were combined to generate a (self-defined) smoking status variable:</p> <ul style="list-style-type: none"> <li>• <i>Daily smoker</i></li> <li>• <i>Weekly smoker</i></li> <li>• <i>Monthly Smoker</i></li> <li>• <i>Less than monthly smoker</i></li> <li>• <i>Ex-smoker with quit date ≤ 30 days ago</i></li> </ul>

<p>100 cigarettes in lifetime. When we say smokes, we mean all types of tobacco. This includes cigarettes, pipes and cigars.</p>	<ul style="list-style-type: none"> <li>• Ex-smoker with quit &gt;30 days and ≤ 6 months ago</li> <li>• Ex-smoker with quit date more than 6 months and ≤ 12 months ago</li> <li>• Ex-smoker with quit date &gt; 12 months ago</li> <li>• Never smoked</li> </ul>
<p>(Ask if self-defined ex-smoker) How long ago did you quit smoking? • Days/weeks/months/years ago</p> <p>When we say smokes, we mean all types of tobacco. This includes cigarettes, pipes and cigars.</p>	<p>Used to categorise daily smoker vs. non-daily smoker (weekly smoker/monthly smoker/less than monthly smoker).</p>
<p>(Ask if has smoked in last month , or if self-defined smoker) Do you smoke: Choose One:</p> <ul style="list-style-type: none"> <li>• Every day (or nearly every day)</li> <li>• At least weekly</li> <li>• Less often than weekly, but at least monthly</li> <li>• Occasionally (less than monthly); or</li> <li>• Not at all</li> </ul> <p>This is asking about <b>current</b> smoking – we want to know how much somebody is smoking at the moment, even if this is different from how much they usually smoke.</p>	<p><b>N.B.</b> Smoking status is determined using a different set of questions in ITC Australia surveys, shown in Appendix 1B (below).</p>
<p>We will now talk about quitting. Do you want to quit smoking? Choose One:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Refused</li> <li>• Don't know</li> </ul>	<p>Ask all smokers.</p> <p>Converted to dichotomous outcome measure "Want to quit" (yes/no).</p> <p>Don't know and refused responses excluded.</p>
<p>Have you ever tried to quit smoking? Choose One:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Refused</li> <li>• Don't know</li> </ul>	<p>Ask all smokers.</p> <p>Don't know and refused responses excluded.</p> <p>Responses to these two questions combined to compute outcome measure "Attempted to quit in the past year"</p>
<p>(Ask if have tried to quit) How long ago was your [last] quit attempt? • Days/weeks/months/years • Refused • Don't know</p>	<ul style="list-style-type: none"> <li>• No: never tried to quit quit, or last quit attempt ≥366 days ago</li> <li>• Yes: if had ever quit, and last quit attempt was &lt;366 days ago</li> </ul>

Socio-demographic variables	
<p>What is your date of birth? Or age: <i>Answer must be 0 or greater:</i></p> <p><i>If says “don’t know”, ask the participant to estimate age in years</i></p>	<p>Ask all. Categorised as “Age group”:</p> <ul style="list-style-type: none"> <li>• 18-24</li> <li>• 25-34</li> <li>• 35-44</li> <li>• 45-54</li> <li>• 55 and up</li> </ul>
<p><i>Record sex – ask only if unsure</i></p> <ul style="list-style-type: none"> <li>• <i>Female</i></li> <li>• <i>Male</i></li> </ul>	<p>Ask all. Labelled “Sex”.</p>
<p>Do you identify as:</p> <ul style="list-style-type: none"> <li>• Aboriginal</li> <li>• Torres Strait Islander</li> <li>• Both Aboriginal and Torres Strait Islander</li> <li>• Neither Aboriginal nor Torres Strait Islander</li> </ul>	<p>Ask all. Used to derive “Identification as Aboriginal and/or Torres Strait Islander”, with Torres Strait Islander and both Aboriginal and Torres Strait Islander collapsed into one category.</p> <p>If answer neither Aboriginal nor Torres Strait Islander, survey is ended.</p>
<p>Are you employed for pay?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No, looking for work (unemployed)</li> <li>• No, and not looking for work (not in labour force)</li> <li>• <i>Refused</i></li> </ul> <p><i>This is asking about whether the person is <b>currently</b> employed. If looking for work or not working at the moment answer “no, looking for work (unemployed)”. If a pensioner and <b>not</b> looking for work answer “no, and not looking for work (not in labour force)”</i></p>	<p>Ask all. Don’t know and refused responses excluded. Variable labelled “Labour force status”.</p>
<p>What is the highest level of formal education that you have completed? Would that be...: <i>Choose One:</i></p> <ul style="list-style-type: none"> <li>• Primary school</li> <li>• Some high school (no certificate)</li> <li>• Completed high school</li> <li>• Technical or TAFE e.g. Certificate or Diploma</li> <li>• Some university (no degree) e.g. Diploma only, or not yet completed Degree</li> <li>• Completed university degree</li> <li>• Post-graduate degree</li> <li>• <i>Not completed primary school or no formal education</i></li> <li>• <i>Refused</i></li> </ul>	<p>Ask all. Don’t know and refused responses excluded. Collapsed to create the variable “Highest level of education”:</p> <ul style="list-style-type: none"> <li>• Less than high school: not completed primary, primary, some high school (no certificate)</li> <li>• Completed high school</li> <li>• Some tertiary education: technical or TAFE, or other further education</li> </ul>
<p>What is the postcode where you live? <i>Postcode of residence:</i></p>	<p>Postcode used to generate Australian Statistical Geography Standard (ASGS) remoteness category:</p> <ul style="list-style-type: none"> <li>• Major city</li> </ul>

	<ul style="list-style-type: none"> <li>• Inner regional</li> <li>• Outer regional</li> <li>• Remote</li> <li>• Very remote</li> </ul> <p>Collapsed to derive “Remoteness”: major city, inner and outer regional, remote and very remote.</p> <p>Postcode used to generate Area Level Disadvantage using Socio-economic Index (SEIFA) 2011 Index of Relative Disadvantage quintiles (Australian Bureau of Statistics (2013). 2033.0.55.001 - Socio-economic Indexes for Areas (SEIFA), Data Cube, 2011, Table 3).</p> <p>SEIFA quintiles collapsed to create “Area-level disadvantage:</p> <ul style="list-style-type: none"> <li>• Quintiles 4-5 (least disadvantaged)</li> <li>• Quintiles 2-3</li> <li>• Quintile 1 (most disadvantaged)</li> </ul>
<b>Policy monitoring survey – completed for each site</b>	
<p>In the last 12 months, has your service received funding for tobacco control programs?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	<p>These three questions combined to generate a dichotomous outcome variable: “Site tobacco control resources”</p> <ul style="list-style-type: none"> <li>• No: no funding (tied or untied) or staff</li> <li>• Yes</li> </ul>
<p>In the last 12 months, has your service used any untied funds, or funds from sources other than that allocated specifically for tobacco control, to implement tobacco control programs?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>Does your health service have staff position/s with a major focus on tobacco control?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	

## Appendix 1, part B: Survey items from the ITC Australia Project (Wave 8.5)

The entire ITC 4-country project surveys (recruitment and replenishment) are located at:

<http://www.itcproject.org/surveys>

Question	Comments
<b>Social normative beliefs</b>	
Society disapproves of smoking <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	Ask all (smokers and ex-smokers only).  'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.
The government should do more to tackle the harm done by smoking <ul style="list-style-type: none"> <li>• Strongly agree</li> <li>• Agree</li> <li>• Neither agree nor disagree</li> <li>• Disagree</li> <li>• Strongly disagree</li> <li>• <i>Refused</i></li> <li>• <i>Don't know</i></li> </ul>	Ask all (smokers and ex-smokers only).  'Don't know' merged with 'Neither agree nor disagree' responses for all analyses, refused responses excluded.
<b>Smoking and quitting</b>	
(If completing ITC survey for first time) Do you currently smoke cigarettes, either daily or less than every day? <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	These smoking questions combined to generate a (researcher-defined) smoking status variable: <ul style="list-style-type: none"> <li>• Daily smoker</li> <li>• Weekly smoker</li> <li>• Monthly smoker</li> <li>• Quit in the last month.</li> <li>• Quit 1-6 months ago</li> <li>• Quit 6-12 months ago</li> <li>• Quit &gt;12 months ago</li> </ul> N.B. Only daily smokers are compared between surveys.
(If completing ITC survey for first time) Have you smoked 100 or more cigarettes over your lifetime? <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
(If completing ITC survey for first time) (If smoked 100 or more cigarettes) Do you smoke every day or less than every day? <ul style="list-style-type: none"> <li>• Every day</li> <li>• Less than every day</li> </ul>	
(If completing ITC survey for first time) (If smokes less than every day) Do you smoke at least once a week? <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	

<p>(If completing ITC survey for first time)          (If does not smoke at least once a week)          Do you smoke at least once a month?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>(If recontacted after having done ITC survey before)          (If ex-smoker at last survey, or smoker who has made new quit attempts since last survey)          Are you back smoking cigarettes or are you still stopped?</p> <ul style="list-style-type: none"> <li>• Back smoking</li> <li>• Still stopped</li> </ul>	
<p>(If recontacted after having done ITC survey before)          (If still stopped)          When did your current quit attempt start? How many days, weeks or months ago?</p>	
<p>(If recontacted after having done ITC survey before)          (If still stopped)          Have you had any cigarettes, even a puff, in the last month?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>(If recontacted after having done ITC survey before)          (If still allowing yourself the occasional cigarette )  <i>Read out response options.</i>          How often have you allowed yourself a cigarette?          Would it be . . .</p> <ul style="list-style-type: none"> <li>• Daily</li> <li>• Less than daily, but at least once a week</li> <li>• Less than weekly, but at least once a month</li> <li>• Less than monthly</li> </ul> <p><i>For the purposes of the survey, we will be considering people who smoke at least once a month to be smokers.</i></p>	