

Twins Research Australia COVID-19 Knowledge, Experience, Reaction and Resilience Study



Data Dictionary: Adult Twins, Phase 3

Variable name	Variable name	Coding
intProject_UID	Unique study twin ID	String (five digit pair identifier followed by a hyphen and either "A" or "B" to represent each twin within the pair)
pair_ID	Unique study pair identifier	
twin_ID	Identifier for twin within a pair	
date_completed	Date the questionnaire was submitted	Date
status	Full or partial survey response flag	1=Full response; 2=Partial response
response_W1	Responded to wave 1	0=No; 1=Yes
response_W2	Responded to wave 2	0=No; 1=Yes
db_gender	Gender (TRA database)	1=Male; 2=Female
age	Age in years	Integer
db_zyg	Zygoty (TRA database)	
db_zyg_source	Zygoty source (TRA database)	[free text]
db_state	State (TRA database)	[free text]
Q00003	Which country do you live in?	1=Australia
Q00003_other	[Other] Which country do you live in?	[free text]
Q00004	Which state do you live in?	1=NSW; 2=QLD; 3=SA; 4=TAS; 5=VIC; 6=WA; 7=ACT; 8=NT
Q00005	What is your postcode?	[free text]
Q00006	Have you been vaccinated for COVID-19?	0=No; 1=Yes
Q00007	Do you intend to have the COVID-19 vaccination when it becomes available to you?	0=No; 1=Yes; 9=Unsure
Q00008	What are the major factors influencing your decision about the vaccine?	[free text]
Q00009_SQ001	On a scale of 1 to 5, how worried or concerned are you at the present time about contracting COVID-19?	Integer (1-5)
Q00010	Please write a number in the box below from 0 to 100, to indicate the percent chance you think you might die if you were infected with COVID-19.	Integer (0-100)
Q00011	Have you ever been tested for COVID-19?	0=No; 1=Yes
Q00012	How many times have you been tested?	Integer

	Did you have any of the following symptoms at the time of testing or shortly afterwards?	
Q00013_SQ001	[Fever]	0=Not selected; 1=Yes
Q00013_SQ002	[Coughing]	0=Not selected; 1=Yes
Q00013_SQ003	[Sore throat]	0=Not selected; 1=Yes
Q00013_SQ004	[Fatigue (tiredness)]	0=Not selected; 1=Yes
Q00013_SQ005	[Nausea/vomiting and/or diarrhoea]	0=Not selected; 1=Yes
Q00013_SQ006	[Shortness of breath at rest]	0=Not selected; 1=Yes
Q00013_SQ007	[Shortness of breath after exercise]	0=Not selected; 1=Yes
Q00013_SQ008	[Wheeze/asthma]	0=Not selected; 1=Yes
Q00013_SQ009	[Changes to taste/smell]	0=Not selected; 1=Yes
Q00013_SQ010	[Increase in use of medication for asthma/wheezing]	0=Not selected; 1=Yes
Q00013_SQ011	[I did not have any symptoms]	0=Not selected; 1=Yes
Q00013_other	[Other]	[free text]
Q00014	Have you ever received a positive result from a COVID-19 test (i.e. had the virus)?	0=No; 1=Yes
Q00015	What date did you receive your positive result?	[date field]
Q00016	What was the probable source of your COVID-19 exposure?	1=Acquired OS; 2=Household member; 3=Friend/Family outside household; 4=Community transmission; 5=Unclear/don't know
Q00017	Did you receive treatment in hospital for COVID-19?	0=No; 1=Yes
Q00018	Did you spend time in intensive care (ICU) while you were in hospital for COVID-19?	0=No; 1=Yes
Q00019	Did you or do you currently have any long-term effects from your positive diagnosis?	0=No; 1=Yes
Q00020	Please describe what these long-term effects are	[free text]
	Currently how frequently do you wear a face mask when you engage in the following activities:	
Q00021_SQ001	[When I go to work or place of study]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable
Q00021_SQ002	[When I go grocery or general shopping]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable
Q00021_SQ003	[When I'm outside exercising]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable
Q00021_SQ004	[When I'm in the gym or similar group activity]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable
Q00021_SQ005	[When I use public transport]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable
Q00021_SQ006	[When I spend time with family outside of my household]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable

Q00021_SQ007	[When I spend time with people such as friends or neighbours outside of my household]	1=Never; 2=Rarely; 3=Sometimes; 4=Always; 5=Not applicable
	Have you had contact with any of the following community services in 2021?	
Q00022_SQ001	[Healthcare providers, for example, GP (in person or via telehealth etc.)]	0=Not selected; 1=Yes
Q00022_SQ002	[Counselling services, e.g. psychologist, psychiatrist etc.]	0=Not selected; 1=Yes
Q00022_SQ003	[Social services, e.g. housing assistance, crisis accommodation etc.]	0=Not selected; 1=Yes
Q00022_SQ004	[Centrelink]	0=Not selected; 1=Yes
Q00022_SQ005	[Mental health services, e.g. Beyondblue, Lifeline etc.]	0=Not selected; 1=Yes
Q00022_SQ006	[Food assistance services, e.g. Anglicare, Salvation Army etc.]	0=Not selected; 1=Yes
Q00022_SQ007	[Financial institutions (e.g. for deferral of mortgage payments etc.) or financial counselling/debt assistance services]	0=Not selected; 1=Yes
Q00022_SQ008	[No contact with community services]	0=Not selected; 1=Yes
Q00022_other	[Other]	[free text]
Q00023	What is your current main activity?	1=Working full-time; 2=Working part-time; 3=Working casually; 4=Working & studying; 5=Looking for work; 6=Not doing paid work + not looking for work; 7=Studying; 9=Don't know / prefer not to answer
Q00023_other	[Other] What is your current main activity?	[free text]
Q00024	Where are you currently working/studying?	1=Completely from home; 2=both at home and on-site/campus; 3=on-site/campus; 9=Don't know / prefer not to answer
Q00024_other	[Other] Where are you currently working/studying?	[free text]
Q00025	How many hours per week do you currently work?	Integer
Q00026	Compared with your work pattern before the COVID-19 restrictions began in March	1=Less; 2=The same; 3=More

Q00027	What is your current employment category?	1=Accounting, Banking and Financial Services; 2=Administration and Human Resources; 3=Advertising, Public Relations, Media and Arts; 4=Agriculture, Animal and Horticulture; 5=Automotive, Transport and Logistics; 6=Construction, Architecture and Design; 7=Education and Training; 8=Electrical and Electronics; 9=Engineers and Engineering Trades; 10=Executive and General Management; 11=Government, Defence and Protective Services; 12=Health and Community Services; 13=Hospitality, Food Services and Tourism; 14=Information and Communication Technology (ICT); 15=Legal and Insurance; 16=Manufacturing; 17=Mining and Energy; 18=Personal Services; 19=Sales, Retail, Wholesale and Real Estate; 20=Science; 21=Sports and Recreation; 22=Don't know/prefer not to answer
Q00027_other	[Other] What is your current employment category?	[free text]
Q00028_SQ001_0	Personal income before tax (AUD)	1=Negative or Zero Income; 2=\$1 - \$9,999 per year (\$1 - \$189 per week); 3=\$10,000 - \$19,999 per year (\$190 - \$379 per week); 4=\$20,000 - \$29,999 per year (\$380 - \$579 per week); 5=\$30,000 - \$39,999 per year (\$580 - \$769 per week); 6=\$40,000 - \$49,999 per year (\$770 - \$959 per week); 7=\$50,000 - \$59,999 per year (\$960 - \$1149 per week); 8=\$60,000 - \$79,999 per year (\$1150 - \$1529 per week); 9=\$80,000 - \$99,999 per year (\$1530 - \$1919 per week); 10=\$100,000 - \$124,999 per year (\$1920 - \$2399 per week); 11=\$125,000 - \$149,999 per year (\$2400 - \$2879 per week); 12=\$150,000 - \$199,999 per year (\$2880 - \$3839 per week); 13=\$200,000 or more per year (\$3840 or more per week); 14=Don't know / prefer not to answer

Q00028_SQ001_1	Household income before tax (AUD)	1=Not applicable; 2=Negative or Zero Income; 3=\$1 - \$9,999 per year (\$1 - \$189 per week); 4=\$10,000 - \$19,999 per year (\$190 - \$379 per week); 5=\$20,000 - \$29,999 per year (\$380 - \$579 per week); 6=\$30,000 - \$39,999 per year (\$580 - \$769 per week); 7=\$40,000 - \$49,999 per year (\$770 - \$959 per week); 8=\$50,000 - \$59,999 per year (\$960 - \$1149 per week); 9=\$60,000 - \$79,999 per year (\$1150 - \$1529 per week); 10=\$80,000 - \$99,999 per year (\$1530 - \$1919 per week); 11=\$100,000 - \$124,999 per year (\$1920 - \$2399 per week); 12=\$125,000 - \$149,999 per year (\$2400 - \$2879 per week); 13=\$150,000 - \$199,999 per year (\$2880 - \$3839 per week); 14=\$200,000 or more per year (\$3840 or more per week); 15=Don't know / prefer not to answer
Q00029	Did you receive JobKeeper or JobSeeker benefits at any stage over the last 12 months?	0=No; 1=Yes
Q00030	Are you currently receiving JobSeeker Benefits?	0=No; 1=Yes
	For each of the statements below indicate the extent to which they apply to the way you currently feel	
Q00031_SQ001	[I experience a general state of emptiness]	1=Yes; 2=More or Less; 3=No
Q00031_SQ002	[There are plenty of people I can rely on when I have problems]	1=Yes; 2=More or Less; 3=No
Q00031_SQ003	[There are many people I can trust completely]	1=Yes; 2=More or Less; 3=No
Q00031_SQ004	[I miss having people around]	1=Yes; 2=More or Less; 3=No
Q00031_SQ005	[There are enough people I feel close to]	1=Yes; 2=More or Less; 3=No
Q00031_SQ006	[I often feel rejected]	1=Yes; 2=More or Less; 3=No
	Compared with how you felt during the COVID-19 restriction in 2020 how do you currently rate yourself on the following?	

Q00032_SQ001	[My physical health...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ002	[My mental health...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ003	[My social health...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ004	[My close relationships...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ005	[My financial position...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ006	[My self-esteem...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ007	[My level of physical activity or exercise...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ008	[My eating...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00032_SQ009	[My weight...]	1=has become much worse; 2=has become worse; 3=has stayed the same; 4=has become better; 5=has become much better
Q00033_SQ001	Compared with how I felt before COVID-19, I am now more aware of my breathing	1=Strongly agree; 2=Somewhat agree; 3=Neither agree nor disagree; 4=Somewhat disagree; 5=Strongly disagree
What are you concerned about right now?		
Q00034_SQ001	[Employment]	0=Not selected; 1=Yes
Q00034_SQ002	[Meeting ongoing bill payments]	0=Not selected; 1=Yes
Q00034_SQ003	[My own health]	0=Not selected; 1=Yes
Q00034_SQ004	[My twin's health]	0=Not selected; 1=Yes
Q00034_SQ005	[My family's health]	0=Not selected; 1=Yes
Q00034_SQ006	[My elderly relatives' health]	0=Not selected; 1=Yes

Q00034_SQ007	[Losing my job]	0=Not selected; 1=Yes
Q00034_SQ008	[Losing my home]	0=Not selected; 1=Yes
Q00034_SQ009	[I have no concerns]	0=Not selected; 1=Yes
Q00034_other	[Other]	[free text]
Q00035	Of the concerns you ticked/mentioned above, which one causes you the most concern right now?	1=Employment; 2=Meeting ongoing bill payments; 3=My own health; 4=My twin's health; 5=My family's health; 6=My elderly relatives' health; 7=Losing my job; 8=Losing my home; 9=I have no concerns; 10=Don't know/prefer not to answer
Q00035_other	[Other] Of the concerns you ticked/mentioned above, which one causes you the most concern right now?	[free text]
Q00036	Please write a number in the box from 0 to 100 which best describes how your health is today. 100 means the best health you can imagine and 0 means the worst health you can imagine.	Integer (0-100)
Over the last week, about how often did you feel...		
Q00037_SQ001	[...nervous?]	1=none of the time; 2=a little of the time; 3=some of the time; 4=most of the time; 5=all of the time
Q00037_SQ002	[...hopeless?]	1=none of the time; 2=a little of the time; 3=some of the time; 4=most of the time; 5=all of the time
Q00037_SQ003	[...restless or fidgety?]	1=none of the time; 2=a little of the time; 3=some of the time; 4=most of the time; 5=all of the time
Q00037_SQ004	[...so depressed that nothing could cheer you up?]	1=none of the time; 2=a little of the time; 3=some of the time; 4=most of the time; 5=all of the time
Q00037_SQ005	[...that everything was an effort?]	1=none of the time; 2=a little of the time; 3=some of the time; 4=most of the time; 5=all of the time
Q00037_SQ006	[...worthless?]	1=none of the time; 2=a little of the time; 3=some of the time; 4=most of the time; 5=all of the time
Over the last week, how many days did you do the following?		
Q00038_SQ001	[Drank alcohol]	1=0 Days; 2=1-2 days; 3=3-4 days; 4=5-6 days; 5=Every day
Q00038_SQ002	[Used over-the-counter medication for sleep, anxiety or stress]	1=0 Days; 2=1-2 days; 3=3-4 days; 4=5-6 days; 5=Every day
Q00038_SQ003	[Used prescription medication for sleep, anxiety or stress]	1=0 Days; 2=1-2 days; 3=3-4 days; 4=5-6 days; 5=Every day

Q00039	Over the last week, approximately how many standard drinks did you consume?	
Q00040	Which of the following best describes your smoking status throughout your life?	1=Never smoked; 2=smoked occasionally but quit; 3=smoked regularly (daily) but quit; 4=I smoke occasionally; 5=I smoke regularly (daily)
Q00041_SQ001	[Do you currently experience pain in your lower back severe enough to seek treatment?]	0=No; 1=Yes
Q00041_SQ002	[Have you ever experienced pain in your lower back that was severe enough for you to seek treatment?]	0=No; 1=Yes
Q00042	When did your lower back pain first start?	[date field]
	Over the last week, how many days did you...	
Q00043_SQ001	[Walk for at least 30 minutes for any reason]	0-7
Q00043_SQ002	[Exercise moderately for at least 30 minutes]	0-7
Q00043_SQ003	[Exercise vigorously for at least 20 minutes]	0-7
Q00044_SQ001_0	Average time sleeping per night [hours]	0-24
Q00044_SQ001_1	Average time sleeping per night [minutes]	0=0 mins; 1=5 mins; 2=10 mins; 3=15 mins; 4=20 mins; 5=25 mins; 6=30 mins; 7=35 mins; 8=40 mins; 9=45 mins; 10=50 mins; 11=55 mins;
Q00045	Compared with your sleep pattern before the COVID-19 restrictions began in March	1=Less; 2=The same; 3=More
Q00046_SQ001_0	Average time to get to sleep [hours]	0-24
Q00046_SQ001_1	Average time to get to sleep [minutes]	0=0 mins; 1=5 mins; 2=10 mins; 3=15 mins; 4=20 mins; 5=25 mins; 6=30 mins; 7=35 mins; 8=40 mins; 9=45 mins; 10=50 mins; 11=55 mins;
Q00047	Compared with your sleep pattern before the COVID-19 restrictions began in March	1=Less; 2=The same; 3=More
	Please respond to each item by marking one box per row	
Q00048_SQ001	[I tend to bounce back quickly after hard times]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00048_SQ002	[I have a hard time making it through stressful events]	1=Strongly agree; 2=Agree; 3=Neutral; 4=Disagree; 5=Strongly disagree
Q00048_SQ003	[It does not take me long to recover from a stressful event]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00048_SQ004	[It is hard for me to snap back when something bad happens]	1=Strongly agree; 2=Agree; 3=Neutral; 4=Disagree; 5=Strongly disagree
Q00048_SQ005	[I usually come through difficult times with little trouble]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree

Q00048_SQ006	[I tend to take a long time to get over setbacks in my life]	1=Strongly agree; 2=Agree; 3=Neutral; 4=Disagree; 5=Strongly disagree
Please answer to what degree you agree with the following		
Q00049_SQ001	[I am proud to be a member of my community]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00049_SQ002	[I feel I am part of the community]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00049_SQ003	[People in my neighbourhood share the same values]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00049_SQ004	[My neighbourhood is a good place to live]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00049_SQ005	[I trust my neighbours]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00049_SQ006	[People work together to get things done for the community]	1=Strongly disagree; 2=Disagree; 3=Neutral; 4=Agree; 5=Strongly agree
Q00050	Thank you for taking part in this survey. Please feel free to provide any additional feedback or comments in the box below	[free text]
k6_score	Kessler 6 derived score	Integer (6-30)
BRS_score	Brief Resilience Scale derived score	Integer (1-5)