

- The 'Participant Information' tab – shows common participant information that is needed for data collection.
- The 'Text Messages' tab – to set-up example test messages for particular weeks.
- The 'Auto Message Send' tab – to set-up automatic messages to be sent at particular weeks.
- The 'Check Sent Message Status' tab – to check what messages have been sent and when.
- The 'View Send Errors' tab – to check errors that have occurred with message sending.

The screenshot shows a web application interface for the 'Healthy Texts Study Participant Database'. On the left, there is a 'Tables' sidebar listing various data tables such as '13 mth doctor info', '1-PARTICIPANT INFORMATION\_02052012', and 'Z-LU-Status'. The main area is titled 'Main Menu' and features a central heading 'Healthy Texts Study Participant Database'. Below the heading are several buttons: 'Participant Information', 'Test Messages', 'Auto Message Send', 'Check Sent Message Status', 'View Send Errors', 'Query Missing Details', and 'Query Bad Message Status'. On the right side, there is a form with input fields for 'Study Start' (14/05/2012), 'Week No.', 'SMS to go?', 'New SMS Errors?', and 'Credits Remaining'.

## Common participant characteristics to be collected

The screenshot displays a data management interface with a table titled "1-PARTICIPANT INFORMATION\_orig". The table has the following columns: electorid, projectid, selectreport, selectreportformailmer, reporthasbe, lastaction, datenextact, title, surname, Initials, All Given N, FirstName, MiddleNam, and preferredne. The table is currently empty. A large "SAMPLE" watermark is overlaid on the table. The interface also shows a "Tables" sidebar on the left and a "Main Menu" window at the top.

electorid	projectid	selectreport	selectreportformailmer	reporthasbe	lastaction	datenextact	title	surname	Initials	All Given N	FirstName	MiddleNam	preferredne
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# Example study messages

MessageID	WeekNo	WeekStart	TargetGroup	SCTConstruct	MessageText
0	0	19/03/2012	Sunburn	(welcome message)	Hi <Participant Name>, welcome to our study. You will start to receive our HealthY texts soon. Have you already planned for sun safety? ?
1	1	19/03/2012	Sunburn	Self-efficacy	<participant Name>, to keep healthy adults in QLD should protect their skin from the sun in both summer and winter when outdoors for i
2	2	26/03/2012	Sunburn	Goal setting/ reward	Hey <Participant Name>. Please look after your skin this wkend, remember the goal is 2 have a sunburn-free wkend! Monika
3	3	2/04/2012	Sunburn	Goal setting/ reward	<Participant Name>, Reward yourself with a night out if u avoid getting sunburnt this wkend! Monika
4	4	9/04/2012	Sunburn	Self-efficacy	Getting outdoors is fun in Australia's autumn climate. Getting sunburnt is not. Put on sunscreen 20 minutes b4 u go outdoors and every 2
5	5	16/04/2012	Sunburn	Self-efficacy	<Participant Name> enjoying your time outdoors? U can still have a good time as long as u remember 2 wear a hat, shirt, sunglasses, suns
6	6	23/04/2012	Sunburn	Outcome expectancy	Hey <Participant Name>. Applying sunscreen only takes a few minutes, but sunburn can last 4 weeks. Ouch. Don't be caught out this wee
7	7	30/04/2012	Sunburn	Environment	Hi <Participant Name>. Instead of eating your lunch in the sun, why not sit in the shade? Monika
8	8	7/05/2012	Sunburn	Social support	Planning a cricket game this weekend? Don't let your team get bowled 4 6 from a sunburn. Encourage your team 2 wear a hat & sunscreen
9	9	14/05/2012	Sunburn	Self-efficacy	<Participant Name>, extra care should be taken outdoors between 10am and 3pm when UV levels reach their peak. Remember, looking e
10	10	21/05/2012	Sunburn	Self efficacy	Have u checked the weather forecast yet? People are also sunburnt on overcast days. Remember, u can still b sunburnt when the temp is
11	11	28/05/2012	Sunburn	Positive reinforcement	<Participant Name>, R U covering up when out in the sun? Don't 4get about your face, neck & hands though. Monika
12	12	4/06/2012	Sunburn	Environment	<Participant Name>, It may be almost winter, but u can still get sunburnt. Don't get caught out. Remember to always slip, slop, slap, seek
13	16	18/06/2012	Sunburn	Goal Reward/Setting	<Participant Name>, Didn't get a sunburn last weekend? Awesome! Reward urself with something special for protecting ur skin. Monika
14	20	16/07/2012	Sunburn	Environment	Any plans 4 the weekend? Why not organise a sun safe picnic with friends @ your local park. Make sure there's plenty of shade. Monika
15	24	13/08/2012	Sunburn	Self-efficacy	Planning a footy game with your mates this weekend? Don't let sunburn keep u from joining in the fun. Wear a shirt, hat & sunscreen du
16	28	10/09/2012	Sunburn	Outcome expectancy	<Participant Name>, did U know that a tan = skin in trauma. Stop your skin from 2 protect your skin against trauma use a hat, shirt, sunscre
17	32	8/10/2012	Sunburn	Self-efficacy	<Participant Name>, R U always rushing in the mornings? Get organised. Pack some sunscreen & ur hat the night b4. It doesn't take long. i
18	36	5/11/2012	Sunburn	Self-efficacy/ behavioural capacity	Putting on sunscreen should be as regular as brushing your teeth. Make sure U have some sunscreen handy in the bathroom, or near the
19	40	3/12/2012	Sunburn	Self-efficacy	Who buys the sunscreen in your household <participant name>? Buy 30+ and get your household to stay sun safe. Next rounds on you. M
20	44	7/01/2013	Sunburn	Environment	Hey <Participant Name>, If u think ur neighbourhood, local park or sporting grounds are not shaded enough, report it 2 ur local council. M
21	48	4/02/2013	Sunburn	Self-efficacy	This is your last sun safe reminder. Don't let sunburn ruin your fun in the sun. Even when it's overcast remember 2 slip, slop, slap, seek &
22	0	19/03/2012	Physical Activity	(welcome message)	Hi <Participant Name>, welcome to our study. You will now start to receive our HealthY texts. Have you set any exercise goals for this we
23	1	19/03/2012	Physical Activity	Self-efficacy	<Participant Name>, to keep healthy adults shld do @ least 30 mins of moderate exercise most days of the wk. Can this be your goal? Mo
24	2	26/03/2012	Physical Activity	Goal setting/ reward	<Participant Name>, the best way 2 get started with exercise is to set urself a short term goal, plan how u will meet it & a reward for whe
25	3	2/04/2012	Physical Activity	Goal setting/ reward	<Participant Name>, rewards r important exercise motivators. When did u last reward urself? Pick up something u really want & go for it!
26	4	9/04/2012	Physical Activity	Self-efficacy	<Participant Name>, remember 4 exercise 2 count it must be moderate intensity. U shld b able to talk but not sing while exercising. Moni
27	5	16/04/2012	Physical Activity	Self-efficacy	<Participant Name>, R U finding it hard 2 get a full 30 mins of exercise each day? U can do it 10 mins @ a time, it all adds up. Monika
28	6	23/04/2012	Physical Activity	Outcome expectancy	<Participant Name>, people who take time out to exercise say they r more patient, understanding & energetic because they exercise. M
29	7	30/04/2012	Physical Activity	Environment	Hi <Participant Name>. Always have your exercise clothes clean & ready. Don't let it be an excuse. Leave your shoes where u can c them 2
30	8	7/05/2012	Physical Activity	Social support	<Participant Name>, having someone 2 exercise with will help keep u motivated. Ask a friend, family member or neighbour to exercise v
31	9	14/05/2012	Physical Activity	Self-efficacy	<Participant Name>, identify ur 'danger zones'. When r u most likely to skip a session? Try 2 avoid the zone. Monika
32	10	21/05/2012	Physical Activity	Self-efficacy	<Participant Name>. Walking is gr8 exercise but it needs 2 be brisk 2 count. U should walk as if u are running late. Monika
33	11	28/05/2012	Physical Activity	Positive reinforcement	<Participant Name>, having some1 2 exercise with will help keep u motivated. Ask a friend, family member or neighbour to exercise with
34	12	4/06/2012	Physical Activity	Environment	<Participant Name>. Try doing squats @ home while waiting for the kettle to boil. Remember any activity u do is better than none @ all.
35	16	18/06/2012	Physical Activity	Goal Reward/Setting	2 keep u motivated 2 exercise <participant name>, keep a record of what you do each week on your calendar. Monika
36	20	16/07/2012	Physical Activity	Environment	Hi <Participant Name>. If u find any broken footpaths or other hazards while walking in ur area report it 2 ur local council. Monika
37	24	13/08/2012	Physical Activity	Self-efficacy	Hi <Participant Name>. Remember people who exercise are setting a good example 4 others. Your friends will want 2 join u. Monika

If the administrators use a behaviour model to guide the messaging, they may need a tab in the database (such as the one below) to list the types of messages against the constructs.

The screenshot displays a database application interface. On the left, a 'Tables' pane lists various database tables, with 'tbISCTConstructsLookup' selected. The main window shows the 'tbISCTConstructsLookup' table with the following columns: 'SCTConstruct', 'Description', and 'Click to Add'. The 'SCTConstruct' column is expanded to show a list of constructs:

- Behavioural Capacity
- Environment/Opportunity
- Environment/Situation
- Goal setting/Reward
- Observational Learning
- Outcome Expectancy
- Positive Reinforcement
- Self-efficacy
- Social Support

A large, semi-transparent 'SAMPLE' watermark is overlaid diagonally across the table.

# Types of messages – examples

WeekNo	Group	SCTConstruct	Click to Add
1	Sunburn	Self-efficacy	
2	Sunburn	Goal setting/Reward	
3	Sunburn	Goal setting/Reward	
4	Sunburn	Self-efficacy	
5	Sunburn	Self-efficacy	
6	Sunburn	Outcome Expectancy	
7	Sunburn	Environment/Situation	
8	Sunburn	Social Support	
9	Sunburn	Social Support	
10	Sunburn	Outcome Expectancy	
11	Sunburn	Social Support	
12	Sunburn	Environment/Situation	
13	Sunburn	Goal setting/Reward	
14	Sunburn	Environment/Situation	
15	Sunburn	Self-efficacy	
16	Sunburn	Outcome Expectancy	
17	Sunburn	Goal setting/Reward	
18	Sunburn	Self-efficacy	
19	Sunburn	Self-efficacy	
20	Sunburn	Environment/Situation	
21	Sunburn	Self-efficacy	
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Record: 1 of 21 | No Filter | Search

## Text messaging algorithm

