

## Wave IV Section 14: Social Psychology and Mental Health

Number of observations: 15,701

We're going to start this section with a couple of exercises that involve remembering. For this, I need to move the computer so you can't see what's on the screen.

I am going to read a list of 15 words. Listen carefully. When I am finished, you are to repeat as many of the words as you can remember. It doesn't matter in what order you repeat them. Just try to remember as many as you can. I will say each word only one time, and I cannot repeat any words. Do you have any questions? Are you ready?

(The list of 15 words is displayed on the screen at 1 second intervals. After the last word is displayed the following text appears below the word list for the interviewer: "Now tell me as many words as you can remember.")

The computer counts down 90 seconds during which the respondent recalls the words. If the respondent stops before remembering all the words and the time is not up, the interviewer asks: "Can you think of any more?"

If the respondent says he/she cannot remember more, the interviewer proceeds to the next task even if there is time remaining. After 90 seconds, a pop-up box appears to indicate the time is up. The interviewer reads the text in the pop-up box: "Good, now let's go on."

The interviewer is instructed to not share the final score or any words missed or added with the respondent in order to maintain reliability of the test.)

H4MH1		Num	1. Did any of the following happen: interruption during memory task?
Frequency	Percent	Value	Label
15003	95.6%	0	no
505	3.2%	1	yes
193	1.2%	5	not asked on pretest

The next questions are about the information the interviewer recorded on the Word List Recall Form #1 (90-second form).

C4WD90_1		Num	How many total words on the Word List did the respondent remember during the 90-second recall period? This is the total in <b>Box 1</b> on the recall form. Enter 99 if you do not have a Word List Recall Form for this respondent.*
Frequency	Percent	Value	Label
16	0.1%	0	0 words
61	0.4%	1	1 word

109	0.7%	2	2 words
515	3.3%	3	3 words
1289	8.2%	4	4 words
2550	16.2%	5	5 words
3233	20.6%	6	6 words
3055	19.5%	7	7 words
2307	14.7%	8	8 words
1334	8.5%	9	9 words
677	4.3%	10	10 words
295	1.9%	11	11 words
134	0.9%	12	12 words
58	0.4%	13	13 words
11	0.1%	14	14 words
10	0.1%	15	15 words
26	0.2%	96	refused
7	0.0%	99	no Word List Recall Form for respondent
14	0.1%	.	missing

<b>C4WD90_2</b>		Num	How many words <b>not</b> on the list did the respondent name? This is the total in <b>Box 2</b> on the recall form.*
Frequency	Percent	Value	Label
10141	64.6%	0	0 words
3783	24.1%	1	1 word
1132	7.2%	2	2 words
355	2.3%	3	3 words
125	0.8%	4	4 words
47	0.3%	5	5 words
25	0.2%	6	6 words

22	0.1%	7	7 words
9	0.1%	8	8 words
15	0.1%	9	9 words
26	0.2%	96	refused
7	0.0%	99	no Word List Recall Form for respondent
14	0.1%	.	missing

<b>C4WD90_3</b>		Num	How many total words did the respondent <b>repeat</b> ? This is the total in <b>Box 3</b> . Count all words that were repeated, whether on the Word List or not.*
Frequency	Percent	Value	Label
10422	66.4%	0	0 words
2872	18.3%	1	1 word
1107	7.1%	2	2 words
464	3.0%	3	3 words
306	1.9%	4	4 words
198	1.3%	5	5 words
118	0.8%	6	6 words
57	0.4%	7	7 words
28	0.2%	8	8 words
35	0.2%	9	9 words
13	0.1%	10	10 words
9	0.1%	11	11 words
7	0.0%	12	12 words
8	0.1%	13	13 words
5	0.0%	14	14 words
5	0.0%	15	15 words
26	0.2%	96	refused
7	0.0%	99	no Word List Recall Form for respondent

14	0.1%	.	missing
----	------	---	---------

**The next few questions are about your feelings.**

<b>H4MH2</b>		Num	2. How often do you feel isolated from others?
Frequency	Percent	Value	Label
6081	38.7%	0	never
4976	31.7%	1	rarely
3770	24.0%	2	sometimes
866	5.5%	3	often
2	0.0%	6	refused
6	0.0%	8	don't know

<b>H4MH3</b>		Num	3. In the <b>last 30 days</b> , how often have you felt that you were unable to control the important things in your life?
Frequency	Percent	Value	Label
4786	30.5%	0	never
4356	27.7%	1	almost never
4762	30.3%	2	sometimes
1235	7.9%	3	fairly often
545	3.5%	4	very often
7	0.0%	6	refused
10	0.1%	8	don't know

<b>H4MH4</b>		Num	4. In the <b>last 30 days</b> , how often have you felt confident in your ability to handle your personal problems?
Frequency	Percent	Value	Label
413	2.6%	0	never
457	2.9%	1	almost never
2815	17.9%	2	sometimes

5990	38.2%	3	fairly often
6019	38.3%	4	very often
3	0.0%	6	refused
4	0.0%	8	don't know

<b>H4MH5</b>		Num	5. In the <b>last 30 days</b> , how often have you felt that things were going your way?
Frequency	Percent	Value	Label
497	3.2%	0	never
1028	6.5%	1	almost never
5599	35.7%	2	sometimes
6325	40.3%	3	fairly often
2240	14.3%	4	very often
5	0.0%	6	refused
7	0.0%	8	don't know

<b>H4MH6</b>		Num	6. In the <b>last 30 days</b> , how often have you felt that difficulties were piling up so high that you could not overcome them?
Frequency	Percent	Value	Label
4641	29.6%	0	never
5266	33.5%	1	almost never
4151	26.4%	2	sometimes
1160	7.4%	3	fairly often
468	3.0%	4	very often
4	0.0%	6	refused
11	0.1%	8	don't know

**The next questions are about how you perceive yourself.**

<b>H4MH7</b>		Num	7. Compared to other people your age, how intelligent are you?
--------------	--	-----	--

Frequency	Percent	Value	Label
93	0.6%	1	moderately below average
520	3.3%	2	slightly below average
5739	36.6%	3	about average
4270	27.2%	4	slightly above average
4134	26.3%	5	moderately above average
926	5.9%	6	extremely above average
3	0.0%	96	refused
16	0.1%	98	don't know

<b>H4MH8</b>		Num	8. How attractive are you?
Frequency	Percent	Value	Label
2794	17.8%	1	very attractive
7799	49.7%	2	moderately attractive
4689	29.9%	3	slightly attractive
381	2.4%	4	not at all attractive
6	0.0%	6	refused
32	0.2%	8	don't know

<b>H4MH9</b>		Num	9. Including any children you may already have, how many children, in total, do you intend to have? <b>Respondent should include children he or she intends to adopt or foster.</b>
Frequency	Percent	Value	Label
1282	8.2%	0	0 children
1755	11.2%	1	1 child
6640	42.3%	2	2 children
3862	24.6%	3	3 children
1379	8.8%	4	4 children
356	2.3%	5	5 children

138	0.9%	6	6 children
44	0.3%	7	7 children
213	1.4%	8	8 children
4	0.0%	9	9 children
28	0.2%	10	10 children

**I'm going to move the screen one more time so you can't see it. Do you remember the list of 15 words that I read to you in the beginning? It was the very first thing we did in this section. I want you to tell me as many of the words from that list as you can. You will have up to one minute. I will tell you when your time is up. Are you ready?**

**(The computer counts down 60 seconds during which the respondent recalls the words. If the respondent stops before remembering all the words and the time is not up, the interviewer asks: "Can you think of any more?"**

**If the respondent says he/she cannot remember more, the interviewer proceeds to the next task even if there is time remaining. After 60 seconds, a pop-up box appears to indicate the time is up. The interviewer reads the text in the pop-up box: "Good, now let's go on."**

**The interviewer is instructed to not share the final score or any words missed or added with the respondent in order to maintain reliability of the test.)**

<b>H4MH10</b>		Num	10. Did any of the following happen: interruption during memory task?
Frequency	Percent	Value	Label
15138	96.4%	0	no
369	2.4%	1	yes
193	1.2%	5	not asked on pretest
1	0.0%	6	refused

**The next questions are about the information the interviewer recorded on the Word List Recall Form #2 (60-second form).**

<b>C4WD60_1</b>		Num	How many total words on the Word List did the respondent remember during the 60-second recall period? This is the total in <b>Box 1</b> on the recall form.*
Frequency	Percent	Value	Label
147	0.9%	0	0 words
265	1.7%	1	1 word
789	5.0%	2	2 words

1797	11.4%	3	3 words
2920	18.6%	4	4 words
3277	20.9%	5	5 words
2714	17.3%	6	6 words
1866	11.9%	7	7 words
986	6.3%	8	8 words
491	3.1%	9	9 words
202	1.3%	10	10 words
106	0.7%	11	11 words
32	0.2%	12	12 words
19	0.1%	13	13 words
9	0.1%	14	14 words
19	0.1%	15	15 words
41	0.3%	96	refused
6	0.0%	99	no Word List Recall Form for respondent
15	0.1%	.	missing

<b>C4WD60_2</b>		Num	How many words <b>not</b> on the list did the respondent name? This is the total in <b>Box 2</b> on the recall form.*
Frequency	Percent	Value	Label
8895	56.7%	0	0 words
4098	26.1%	1	1 word
1592	10.1%	2	2 words
609	3.9%	3	3 words
215	1.4%	4	4 words
113	0.7%	5	5 words
44	0.3%	6	6 words
40	0.3%	7	7 words



8	0.1%	8	8 words
25	0.2%	9	9 words
41	0.3%	96	refused
6	0.0%	99	no Word List Recall Form for respondent
15	0.1%	.	missing

<b>C4WD60_3</b>		Num	How many total words did the respondent <b>repeat</b> ? This is the total in <b>Box 3</b> . Count all words that were repeated, whether on the Word List or not.*
Frequency	Percent	Value	Label
12733	81.1%	0	0 words
1717	10.9%	1	1 word
506	3.2%	2	2 words
258	1.6%	3	3 words
158	1.0%	4	4 words
80	0.5%	5	5 words
65	0.4%	6	6 words
34	0.2%	7	7 words
18	0.1%	8	8 words
17	0.1%	9	9 words
9	0.1%	10	10 words
10	0.1%	11	11 words
7	0.0%	12	12 words
8	0.1%	13	13 words
2	0.0%	14	14 words
17	0.1%	15	15 words
41	0.3%	96	refused
6	0.0%	99	no Word List Recall Form for respondent
15	0.1%	.	missing

That exercise is now complete. In this next exercise, I am going to say some strings of numbers, and when I am done I would like you to repeat them backwards, in the reverse order from which I said them. So if I said "3, 8," you would say "8, 3." Do you understand? The sets will get larger as we go.

(The interviewer is instructed to make sure respondent cannot see the screen and to not share the scores or any numbers missed or added with the respondent in order to maintain reliability of the test.)

H4MH11A		Num	11A. 2-4 (4-2) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
70	0.4%	0	no
15600	99.4%	1	yes
31	0.2%	6	refused

*If Q.11A = 0, 6, ask Q.11B, else skip to Q.12A.*

H4MH11B		Num	11B. 5-7 (7-5) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
22	0.1%	0	no
47	0.3%	1	yes
32	0.2%	6	refused
15600	99.4%	7	legitimate skip

*If Q.11B = 1 ask Q.12A, else skip to Q.18.*

H4MH12A		Num	12A. 6-2-9 (9-2-6) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
1610	10.3%	0	no
14037	89.4%	1	yes
32	0.2%	6	refused
22	0.1%	7	legitimate skip

***If Q.12A = 0, 6, ask Q.12B, else skip to Q.13A.***

<b>H4MH12B</b>		Num	12B. 4-1-5 (5-1-4) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
300	1.9%	0	no
1310	8.3%	1	yes
32	0.2%	6	refused
14059	89.5%	7	legitimate skip

***If Q.12B = 1 ask Q.13A, else skip to Q.18.***

<b>H4MH13A</b>		Num	13A. 3-2-7-9 (9-7-2-3) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
3182	20.3%	0	no
12159	77.4%	1	yes
32	0.2%	6	refused
322	2.1%	7	legitimate skip
6	0.0%	8	don't know

***If Q.13A = 0, 6, 8, ask Q.13B, else skip to Q.14A.***

<b>H4MH13B</b>		Num	13B. 4-9-6-8 (8-6-9-4) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
1521	9.7%	0	no
1661	10.6%	1	yes
32	0.2%	6	refused
12481	79.5%	7	legitimate skip
6	0.0%	8	don't know

***If Q.13B = 1 ask Q.14A, else skip to Q.18.***

<b>H4MH14A</b>		Num	14A. 1-5-2-8-6 (6-8-2-5-1) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
6850	43.6%	0	no
6965	44.4%	1	yes
32	0.2%	6	refused
1849	11.8%	7	legitimate skip
5	0.0%	8	don't know

***If Q.14A = 0, 6, 8, ask Q.14B, else skip to Q.15A.***

<b>H4MH14B</b>		Num	14B. 6-1-8-4-3 (3-4-8-1-6) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
4240	27.0%	0	no
2608	16.6%	1	yes
34	0.2%	6	refused
8814	56.1%	7	legitimate skip
5	0.0%	8	don't know

***If Q.14B = 1 ask Q.15A, else skip to Q.18.***

<b>H4MH15A</b>		Num	15A. 5-3-9-4-1-8 (8-1-4-9-3-5) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
5619	35.8%	0	no
3938	25.1%	1	yes
36	0.2%	6	refused
6094	38.8%	7	legitimate skip
14	0.1%	8	don't know

***If Q.15A = 0, 6, 8, ask Q.15B, else skip to Q.16A.***

<b>H4MH15B</b>		Num	15B. 7-2-4-8-5-6 (6-5-8-4-2-7) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
3564	22.7%	0	no
2066	13.2%	1	yes
37	0.2%	6	refused
10032	63.9%	7	legitimate skip
2	0.0%	8	don't know

***If Q.15B = 1 ask Q.16A, else skip to Q.18.***

<b>H4MH16A</b>		Num	16A. 8-1-2-9-3-6-5 (5-6-3-9-2-1-8) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
3774	24.0%	0	no
2215	14.1%	1	yes
39	0.2%	6	refused
9660	61.5%	7	legitimate skip
13	0.1%	8	don't know

***If Q.16A = 0, 6, 8, ask Q.16B, else skip to Q.17A.***

<b>H4MH16B</b>		Num	16B. 4-7-3-9-1-2-8 (8-2-1-9-3-7-4) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
2516	16.0%	0	no
1262	8.0%	1	yes
41	0.3%	6	refused
11875	75.6%	7	legitimate skip
7	0.0%	8	don't know

***If Q.16B = 1 ask Q.17A, else skip to Q.18.***

<b>H4MH17A</b>		Num	17A. 9-4-3-7-6-2-5-8 (8-5-2-6-7-3-4-9) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
2627	16.7%	0	no
847	5.4%	1	yes
41	0.3%	6	refused
12183	77.6%	7	legitimate skip
3	0.0%	8	don't know

***If Q.17A = 0, 6, 8, ask Q.17B, else skip to Q.18.***

<b>H4MH17B</b>		Num	17B. 7-2-8-1-9-6-5-3 (3-5-6-9-1-8-2-7) Did respondent accurately repeat the set backwards?
Frequency	Percent	Value	Label
2182	13.9%	0	no
444	2.8%	1	yes
41	0.3%	6	refused
13030	83.0%	7	legitimate skip
4	0.0%	8	don't know

<b>C4NUMSCR</b>		Num	Total score on number recall task*
Frequency	Percent	Value	Label
30	0.2%	0	0
300	1.9%	1	1
1527	9.7%	2	2
4247	27.0%	3	3
3568	22.7%	4	4
2526	16.1%	5	5
2188	13.9%	6	6
1291	8.2%	7	7

24	0.2%	96	refused
----	------	----	---------

**Now, think about the past seven days. How often was each of the following things true during the past seven days:**

<b>H4MH18</b>		Num	18. You were bothered by things that usually don't bother you.
Frequency	Percent	Value	Label
8958	57.1%	0	never or rarely
5480	34.9%	1	sometimes
927	5.9%	2	a lot of the time
330	2.1%	3	most of the time or all of the time
2	0.0%	6	refused
4	0.0%	8	don't know

<b>H4MH19</b>		Num	19. (During the past seven days:) You could not shake off the blues, even with help from your family and your friends.
Frequency	Percent	Value	Label
11715	74.6%	0	never or rarely
3047	19.4%	1	sometimes
617	3.9%	2	a lot of the time
318	2.0%	3	most of the time or all of the time
2	0.0%	6	refused
2	0.0%	8	don't know

<b>H4MH20</b>		Num	20. (During the past seven days:) You felt you were just as good as other people.
Frequency	Percent	Value	Label
729	4.6%	0	never or rarely
2606	16.6%	1	sometimes
5102	32.5%	2	a lot of the time
7253	46.2%	3	most of the time or all of the time

3	0.0%	6	refused
8	0.1%	8	don't know

<b>H4MH21</b>		Num	21. (During the past seven days:) You had trouble keeping your mind on what you were doing.
Frequency	Percent	Value	Label
5985	38.1%	0	never or rarely
7271	46.3%	1	sometimes
1793	11.4%	2	a lot of the time
645	4.1%	3	most of the time or all of the time
3	0.0%	6	refused
4	0.0%	8	don't know

<b>H4MH22</b>		Num	22. (During the past seven days:) You felt depressed.
Frequency	Percent	Value	Label
10976	69.9%	0	never or rarely
3705	23.6%	1	sometimes
668	4.3%	2	a lot of the time
350	2.2%	3	most of the time or all of the time
1	0.0%	6	refused
1	0.0%	8	don't know

<b>H4MH23</b>		Num	23. (During the past seven days:) You felt that you were too tired to do things.
Frequency	Percent	Value	Label
5280	33.6%	0	never or rarely
7780	49.6%	1	sometimes
1974	12.6%	2	a lot of the time
663	4.2%	3	most of the time or all of the time



2	0.0%	6	refused
2	0.0%	8	don't know

<b>H4MH24</b>		Num	24. (During the past seven days:) You felt happy.
Frequency	Percent	Value	Label
312	2.0%	0	never or rarely
3258	20.8%	1	sometimes
5870	37.4%	2	a lot of the time
6257	39.9%	3	most of the time or all of the time
3	0.0%	6	refused
1	0.0%	8	don't know

<b>H4MH25</b>		Num	25. (During the past seven days:) You enjoyed life.
Frequency	Percent	Value	Label
233	1.5%	0	never or rarely
2484	15.8%	1	sometimes
5050	32.2%	2	a lot of the time
7928	50.5%	3	most of the time or all of the time
3	0.0%	6	refused
3	0.0%	8	don't know

<b>H4MH26</b>		Num	26. (During the past seven days:) You felt sad.
Frequency	Percent	Value	Label
8002	51.0%	0	never or rarely
6685	42.6%	1	sometimes
746	4.8%	2	a lot of the time
265	1.7%	3	most of the time or all of the time
2	0.0%	6	refused

1	0.0%	8	don't know
---	------	---	------------

<b>H4MH27</b>		Num	27. (During the past seven days:) You felt that people disliked you, during the past seven days.
Frequency	Percent	Value	Label
11726	74.7%	0	never or rarely
3343	21.3%	1	sometimes
418	2.7%	2	a lot of the time
201	1.3%	3	most of the time or all of the time
3	0.0%	6	refused
10	0.1%	8	don't know

<b>H4MH28</b>		Num	28. In your day-to-day life, how often do you feel you have been treated with less respect or courtesy than other people?
Frequency	Percent	Value	Label
4964	31.6%	0	never
6837	43.5%	1	rarely
3253	20.7%	2	sometimes
640	4.1%	3	often
4	0.0%	6	refused
3	0.0%	8	don't know

***If Q.28 = 0, 1, 6, 8, skip to Section 15, else ask Q.29.***

<b>H4MH29</b>		Num	29. What do you think was the <b>main</b> reason for these experiences? Choose only one reason.
Frequency	Percent	Value	Label
73	0.5%	1	your ancestry or national origin
195	1.2%	2	your gender
345	2.2%	3	your race
277	1.8%	4	your age

34	0.2%	5	your religion
194	1.2%	6	your height or weight
63	0.4%	7	your shade of skin color
27	0.2%	8	your sexual orientation
392	2.5%	9	your education or income
77	0.5%	10	a physical disability
2179	13.9%	11	other
2	0.0%	96	refused
11808	75.2%	97	legitimate skip
35	0.2%	98	don't know

**\*C4WD90\_1, C4WD90\_2, C4WD90\_3; C4WD60\_1, C4WD60\_2, C4WD60\_3**

Scores on the word recall task were recorded by the interviewer in the field interviewer's report (section 28). As indicated in the notes for that section, 15 main study Field Interviewer Reports (FIRs) are missing. These 15 cases were therefore missing scores on the word recall task. However, one of these 15 respondents refused to participate in the 90-second word recall task, but did not refuse the 60-second task. Because this respondent's 90-second word recall score was counted as a refusal and his/her 60-second recall score as missing, 14 cases were missing 90-second word recall scores and 15 cases were missing 60-second word recall scores. Also, word recall scores were not available for 7 cases because the field interviewer did not have a Word List Recall Form for the respondent (code 99). However, one of these 7 respondents refused to participate in the 60-second word recall task, but had not refused the 90-second task. Because this respondent's 60-second recall score was counted as a refusal, 7 cases were coded 99 for the 90-second recall task and 6 cases for the 60-second word recall task.

**\*C4NUMSCR**

For the number recall task, respondents were given 2 chances (question parts A and B) to recall the number series at each level for up to 7 levels (the task ended at the level at which the respondent could not recall the number series after 2 tries). The total score was calculated by giving 1 point if the respondent answered part A or B correctly at each level for a range of 0 to 7. 24 respondents refused the entire task and were given a score of 96. Additional respondents refused or replied "don't know" to individual questions constituting the task, but a total score was still able to be computed for these respondents.