

ICPSR 4248

**ACTIVE (Advanced Cognitive
Training for Independent and Vital
Elderly), 1999-2001 [United States]**

Sharon Tennstedt
New England Research Institutes

John Morris
Hebrew Senior Life-Boston

Frederick Unverzagt
Indiana University

George Rebok
Johns Hopkins University

Sherry Willis
Pennsylvania State University

Karlene Ball
University of Alabama-Birmingham

Michael Marsiske
University of Florida

Form 803 AN3 Individual Assessment, Part 1
Codebook

Inter-university Consortium for
Political and Social Research
P.O. Box 1248
Ann Arbor, Michigan 48106
www.icpsr.umich.edu

Terms of Use

The terms of use for this study can be found at:
<http://www.icpsr.umich.edu/cocoon/ICPSR/TERMS/4248.xml>

3rd

ACTIVE

**Individual Assessment Part 1
3rd Annual Post-Test**

Form #803

A1. Study ID#:	<input type="text" value="Label"/>
A2. Visit #	IND3
A3. Form Version:	06/01/2001

VISIT	Frequency	Percent	Cum Freq	Cum Percent
IND3	1860	100.00	1860	100.00

A6. RECORD START TIME NOW: _____ : _____ AM / PM

GENERAL INTRODUCTION

Thank you for continuing with the ACTIVE study. As you know, the purpose of this program is to determine whether training in later adulthood can improve concentration, memory, and problem solving. In addition, the study will determine if older adults who have had this type of training remain healthier, more emotionally positive, and function more easily in daily activities, such as managing finances, taking medication, using the telephone, or driving.

Today you are being asked to complete some activities that assess your vision and mental abilities such as memory and reasoning abilities.

Three of these activities will be in the form of paper and pencil questionnaires and two activities will be completed on a computer. Today's session will take about an hour and a half (two hours) to complete.

THE FOLLOWING CONFIDENTIALITY STATEMENT MUST BE READ TO ALL SUBJECTS

Before we begin, I'd like to mention a few things. All of your responses are completely confidential and will only be seen or heard by people directly associated with the study. The information you provide will be grouped together with others in the study and your name will never appear in any report. No information about any specific individual will ever be reported. You may refuse to answer any questions or stop at any time. Do you have any questions before we begin?

SECTION B:**VISION SCRIPT**

MAKE SURE THE SUBJECT IS 10 FEET FROM THE EYE CHART

First I am going to test your vision. Do you normally wear glasses or contact lenses for distance vision?

IF NO: PROCEED.

IF YES: I would like you to wear them for the test. If you use bifocals, you should look through the part that you normally use when looking at things far away.

INDICATE ON THE NEXT PAGE WHETHER SUBJECT NORMALLY WEARS A CORRECTION FOR DISTANCE VISION AND WHETHER IT WAS USED IN THE CURRENT TEST

TURN OFF OVERHEAD ILLUMINATION

Please look at this letter chart. It consists of rows of letters. Please look at this (POINTING) row of letters with the large 5 marked beside it. Can you easily tell what the letters are on this row?

IF YES: OK. Go ahead and slowly read the letters on that row for me from left to right. When you finish that row, go on to the next one below it.

IF NO: OK, then let's start at the first row at the top of the chart. Slowly read the letters on the first row for me from left to right. When you finish that row, go on to the next one below it.

AS THE SUBJECT CALLS OUT THE LETTERS, CIRCLE THE LETTERS CORRECTLY IDENTIFIED AND PUT A DIAGONAL SLASH THROUGH LETTERS INCORRECTLY IDENTIFIED. STRIKE THROUGH UNATTEMPTED ROWS.

THE FIRST TIME A SUBJECT SAYS THAT HE/SHE CAN'T SEE A LETTER SAY:

Even though the letter is unclear, please make your best possible guess. You are not penalized for guessing.

ENCOURAGE THE SUBJECT TO GUESS. WITH SUBSEQUENT HESITANCY SAY: **Don't be afraid to guess.**

THE TEST IS CONCLUDED WHEN THE SUBJECT GETS LESS THAN THE CRITERION NUMBER OF LETTERS CORRECT. THE CRITERION NUMBER FOR EACH LINE IS INDICATED ON THE LEFT HAND SIDE OF EACH LINE.

ONCE THE CRITERION FOR STOPPING HAS BEEN REACHED, SAY: **That's all we need to do on that, thank you very much.**

SECTION B:

VISION CODING

TABLE 1: CODING SHEET

TABLE 2: SCORING SHEET

NUMBER CORRECT

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

CODE

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

SCORE

B1. IF ≥ 2 ; CONTINUE

K	H	O	R
----------	----------	----------	----------

1.

2.5	5	7.5	10
------------	----------	------------	-----------

1a.

VISR1	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	1	0.05	3	0.16
0	1	0.05	4	0.22
2	2	0.11	6	0.32
3	3	0.16	9	0.48
4	1851	99.52	1860	100.00

VISSCR1	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	1	0.05	3	0.16
0	1	0.05	4	0.22
5	2	0.11	6	0.32
7.5	3	0.16	9	0.48
10	1851	99.52	1860	100.00

B2. IF ≥ 2 ; CONTINUE

C	K	Z	D	V
----------	----------	----------	----------	----------

2.

2	4	6	8	10
----------	----------	----------	----------	-----------

2a.

VISR2	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-2	2	0.11	4	0.22
0	2	0.11	6	0.32
2	1	0.05	7	0.38
3	7	0.38	14	0.75
4	21	1.13	35	1.88
5	1825	98.12	1860	100.00

VISSCR2	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-2	2	0.11	4	0.22
0	2	0.11	6	0.32
4	1	0.05	7	0.38
6	7	0.38	14	0.75
8	21	1.13	35	1.88
10	1825	98.12	1860	100.00

B3. IF ≥ 2 ; CONTINUE

O Z N R H V C

VISR3	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-2	4	0.22	6	0.32
3	3	0.16	9	0.48
4	4	0.22	13	0.70
5	11	0.59	24	1.29
6	37	1.99	61	3.28
7	1799	96.72	1860	100.00

3.

1.4 2.9 4.3 5.7 7.1 8.6 10

3a.

VISSCR3	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-2	4	0.22	6	0.32
4.3	3	0.16	9	0.48
5.7	4	0.22	13	0.70
7.1	11	0.59	24	1.29
8.6	37	1.99	61	3.28
10	1799	96.72	1860	100.00

B4. IF ≥ 2 ; CONTINUE

R K C S Z H V D

4.

1.3 2.5 3.8 5 6.3 7.5 8.8 10

4a.

VISR4	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	2	0.11	4	0.22
-2	4	0.22	8	0.43
0	3	0.16	11	0.59
1	1	0.05	12	0.65
2	5	0.27	17	0.91
3	3	0.16	20	1.08
4	4	0.22	24	1.29
5	15	0.81	39	2.10
6	26	1.40	65	3.49
7	68	3.66	133	7.15
8	1727	92.85	1860	100.00

VISSCR4	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	2	0.11	4	0.22
-2	4	0.22	8	0.43
0	3	0.16	11	0.59
1.3	1	0.05	12	0.65
2.5	5	0.27	17	0.91
3.8	3	0.16	20	1.08
5	4	0.22	24	1.29
6.3	15	0.81	39	2.10
7.5	26	1.40	65	3.49
8.8	68	3.66	133	7.15
10	1727	92.85	1860	100.00

B5. IF ≥ 2; CONTINUE

S D K H O R C V

VISR5	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	3	0.16	5	0.27
-2	10	0.54	15	0.81
0	18	0.97	33	1.77
1	8	0.43	41	2.20
2	14	0.75	55	2.96
3	4	0.22	59	3.17
4	11	0.59	70	3.76
5	40	2.15	110	5.91
6	94	5.05	204	10.97
7	230	12.37	434	23.33
8	1426	76.67	1860	100.00

5.

1.3 2.5 3.8 5 6.3 7.5 8.8 10

5a.

VISSCR5	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	3	0.16	5	0.27
-2	10	0.54	15	0.81
0	18	0.97	33	1.77
1.3	8	0.43	41	2.20
2.5	14	0.75	55	2.96
3.8	4	0.22	59	3.17
5	11	0.59	70	3.76
6.3	40	2.15	110	5.91
7.5	94	5.05	204	10.97
8.8	230	12.37	434	23.33
10	1426	76.67	1860	100.00

B6. IF ≥ 3; CONTINUE

H O C Z R K D S V N

6.

1 2 3 4 5 6 7 8 9 10

6a.

VISR6	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	7	0.38	9	0.48
-2	39	2.10	48	2.58
0	51	2.74	99	5.32
1	6	0.32	105	5.65
2	11	0.59	116	6.24
3	24	1.29	140	7.53
4	29	1.56	169	9.09
5	31	1.67	200	10.75
6	58	3.12	258	13.87
7	74	3.98	332	17.85
8	144	7.74	476	25.59
9	328	17.63	804	43.23
10	1056	56.77	1860	100.00

VISSCR6	Freq	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
-7	7	0.38	9	0.48
-2	39	2.10	48	2.58
0	51	2.74	99	5.32
1	6	0.32	105	5.65
2	11	0.59	116	6.24
3	24	1.29	140	7.53
4	29	1.56	169	9.09
5	31	1.67	200	10.75
6	58	3.12	258	13.87
7	74	3.98	332	17.85
8	144	7.74	476	25.59
9	328	17.63	804	43.23
10	1056	56.77	1860	100.00

B7. IF ≥ 3 ; CONTINUE

N Z C O S K D V R H

7.

VISR7	Freq	Percent	Cum Freq	Cum Percent
-9	4	0.22	4	0.22
-7	12	0.65	16	0.86
-2	114	6.13	130	6.99
0	105	5.65	235	12.63
1	26	1.40	261	14.03
2	28	1.51	289	15.54
3	33	1.77	322	17.31
4	42	2.26	364	19.57
5	49	2.63	413	22.20
6	74	3.98	487	26.18
7	142	7.63	629	33.82
8	176	9.46	805	43.28
9	348	18.71	1153	61.99
10	707	38.01	1860	100.00

1 2 3 4 5 6 7 8 9 10 | 7a.

VISSCR7	Freq	Percent	Cum Freq	Cum Percent
-9	4	0.22	4	0.22
-7	12	0.65	16	0.86
-2	114	6.13	130	6.99
0	105	5.65	235	12.63
1	26	1.40	261	14.03
2	28	1.51	289	15.54
3	33	1.77	322	17.31
4	42	2.26	364	19.57
5	49	2.63	413	22.20
6	74	3.98	487	26.18
7	142	7.63	629	33.82
8	176	9.46	805	43.28
9	348	18.71	1153	61.99
10	707	38.01	1860	100.00

B8. IF ≥ 3 ; CONTINUE

D C S K O V R N H Z

8.

1 2 3 4 5 6 7 8 9 10 | 8a.

VISR8	Freq	Percent	Cum Freq	Cum Percent
-9	6	0.32	6	0.32
-7	52	2.80	58	3.12
-2	285	15.32	343	18.44
0	266	14.30	609	32.74
1	45	2.42	654	35.16
2	61	3.28	715	38.44
3	44	2.37	759	40.81
4	76	4.09	835	44.89
5	66	3.55	901	48.44
6	99	5.32	1000	53.76
7	144	7.74	1144	61.51
8	194	10.43	1338	71.94
9	236	12.69	1574	84.62
10	286	15.38	1860	100.00

VISSCR8	Freq	Percent	Cum Freq	Cum Percent
-9	6	0.32	6	0.32
-7	52	2.80	58	3.12
-2	285	15.32	343	18.44
0	266	14.30	609	32.74
1	45	2.42	654	35.16
2	61	3.28	715	38.44
3	44	2.37	759	40.81
4	76	4.09	835	44.89
5	66	3.55	901	48.44
6	99	5.32	1000	53.76
7	144	7.74	1144	61.51
8	194	10.43	1338	71.94
9	236	12.69	1574	84.62
10	286	15.38	1860	100.00

B9.

Z S V D K H N O R C					9.	1 2 3 4 5 6 7 8 9 10										9a.																																																																																																																																																									
<table border="1"> <thead> <tr> <th>VISR9</th> <th>Freq</th> <th>Percent</th> <th>Cum Freq</th> <th>Cum Percent</th> </tr> </thead> <tbody> <tr><td>-9</td><td>11</td><td>0.59</td><td>11</td><td>0.59</td></tr> <tr><td>-7</td><td>84</td><td>4.52</td><td>95</td><td>5.11</td></tr> <tr><td>-2</td><td>709</td><td>38.12</td><td>804</td><td>43.23</td></tr> <tr><td>0</td><td>350</td><td>18.82</td><td>1154</td><td>62.04</td></tr> <tr><td>1</td><td>73</td><td>3.92</td><td>1227</td><td>65.97</td></tr> <tr><td>2</td><td>81</td><td>4.35</td><td>1308</td><td>70.32</td></tr> <tr><td>3</td><td>72</td><td>3.87</td><td>1380</td><td>74.19</td></tr> <tr><td>4</td><td>79</td><td>4.25</td><td>1459</td><td>78.44</td></tr> <tr><td>5</td><td>82</td><td>4.41</td><td>1541</td><td>82.85</td></tr> <tr><td>6</td><td>77</td><td>4.14</td><td>1618</td><td>86.99</td></tr> <tr><td>7</td><td>83</td><td>4.46</td><td>1701</td><td>91.45</td></tr> <tr><td>8</td><td>70</td><td>3.76</td><td>1771</td><td>95.22</td></tr> <tr><td>9</td><td>46</td><td>2.47</td><td>1817</td><td>97.69</td></tr> <tr><td>10</td><td>43</td><td>2.31</td><td>1860</td><td>100.00</td></tr> </tbody> </table>					VISR9	Freq	Percent	Cum Freq	Cum Percent	-9	11	0.59	11	0.59	-7	84	4.52	95	5.11	-2	709	38.12	804	43.23	0	350	18.82	1154	62.04	1	73	3.92	1227	65.97	2	81	4.35	1308	70.32	3	72	3.87	1380	74.19	4	79	4.25	1459	78.44	5	82	4.41	1541	82.85	6	77	4.14	1618	86.99	7	83	4.46	1701	91.45	8	70	3.76	1771	95.22	9	46	2.47	1817	97.69	10	43	2.31	1860	100.00	<table border="1"> <thead> <tr> <th>VISSCR9</th> <th>Freq</th> <th>Percent</th> <th>Cum Freq</th> <th>Cum Percent</th> </tr> </thead> <tbody> <tr><td>-9</td><td>11</td><td>0.59</td><td>11</td><td>0.59</td></tr> <tr><td>-7</td><td>84</td><td>4.52</td><td>95</td><td>5.11</td></tr> <tr><td>-2</td><td>709</td><td>38.12</td><td>804</td><td>43.23</td></tr> <tr><td>0</td><td>350</td><td>18.82</td><td>1154</td><td>62.04</td></tr> <tr><td>1</td><td>73</td><td>3.92</td><td>1227</td><td>65.97</td></tr> <tr><td>2</td><td>81</td><td>4.35</td><td>1308</td><td>70.32</td></tr> <tr><td>3</td><td>72</td><td>3.87</td><td>1380</td><td>74.19</td></tr> <tr><td>4</td><td>79</td><td>4.25</td><td>1459</td><td>78.44</td></tr> <tr><td>5</td><td>82</td><td>4.41</td><td>1541</td><td>82.85</td></tr> <tr><td>6</td><td>77</td><td>4.14</td><td>1618</td><td>86.99</td></tr> <tr><td>7</td><td>83</td><td>4.46</td><td>1701</td><td>91.45</td></tr> <tr><td>8</td><td>70</td><td>3.76</td><td>1771</td><td>95.22</td></tr> <tr><td>9</td><td>46</td><td>2.47</td><td>1817</td><td>97.69</td></tr> <tr><td>10</td><td>43</td><td>2.31</td><td>1860</td><td>100.00</td></tr> </tbody> </table>															VISSCR9	Freq	Percent	Cum Freq	Cum Percent	-9	11	0.59	11	0.59	-7	84	4.52	95	5.11	-2	709	38.12	804	43.23	0	350	18.82	1154	62.04	1	73	3.92	1227	65.97	2	81	4.35	1308	70.32	3	72	3.87	1380	74.19	4	79	4.25	1459	78.44	5	82	4.41	1541	82.85	6	77	4.14	1618	86.99	7	83	4.46	1701	91.45	8	70	3.76	1771	95.22	9	46	2.47	1817	97.69	10	43	2.31	1860	100.00
VISR9	Freq	Percent	Cum Freq	Cum Percent																																																																																																																																																																					
-9	11	0.59	11	0.59																																																																																																																																																																					
-7	84	4.52	95	5.11																																																																																																																																																																					
-2	709	38.12	804	43.23																																																																																																																																																																					
0	350	18.82	1154	62.04																																																																																																																																																																					
1	73	3.92	1227	65.97																																																																																																																																																																					
2	81	4.35	1308	70.32																																																																																																																																																																					
3	72	3.87	1380	74.19																																																																																																																																																																					
4	79	4.25	1459	78.44																																																																																																																																																																					
5	82	4.41	1541	82.85																																																																																																																																																																					
6	77	4.14	1618	86.99																																																																																																																																																																					
7	83	4.46	1701	91.45																																																																																																																																																																					
8	70	3.76	1771	95.22																																																																																																																																																																					
9	46	2.47	1817	97.69																																																																																																																																																																					
10	43	2.31	1860	100.00																																																																																																																																																																					
VISSCR9	Freq	Percent	Cum Freq	Cum Percent																																																																																																																																																																					
-9	11	0.59	11	0.59																																																																																																																																																																					
-7	84	4.52	95	5.11																																																																																																																																																																					
-2	709	38.12	804	43.23																																																																																																																																																																					
0	350	18.82	1154	62.04																																																																																																																																																																					
1	73	3.92	1227	65.97																																																																																																																																																																					
2	81	4.35	1308	70.32																																																																																																																																																																					
3	72	3.87	1380	74.19																																																																																																																																																																					
4	79	4.25	1459	78.44																																																																																																																																																																					
5	82	4.41	1541	82.85																																																																																																																																																																					
6	77	4.14	1618	86.99																																																																																																																																																																					
7	83	4.46	1701	91.45																																																																																																																																																																					
8	70	3.76	1771	95.22																																																																																																																																																																					
9	46	2.47	1817	97.69																																																																																																																																																																					
10	43	2.31	1860	100.00																																																																																																																																																																					

B10.

TOTAL VISION SCORE _____ . _____

Analysis Variable : VISTOTAL					
N	Mean	SD	Minimum	Median	Maximum
1857	71.7	12.9	0.0	74.0	90.0

VISTOTAL	Freq	Percent	Cum Freq	Cum Percent
-9	3	100.00	3	100.00

B11. DOES SUBJECT NORMALLY WEAR CORRECTION FOR DISTANCE VISION? YES.....1 NO.....2

VISCOR	Freq	Percent	Cum Freq	Cum Percent
-9	3	0.16	3	0.16
1	1538	82.69	1541	82.85
2	319	17.15	1860	100.00

B12. WAS SUBJECT WEARING THIS CORRECTION FOR THE VISION TEST? YES.....1 NO.....2

VISCORT	Freq	Percent	Cum Freq	Cum Percent
-9	3	0.16	3	0.16
1	1505	80.91	1508	81.08
2	352	18.92	1860	100.00

SECTION C: MMSE SCRIPT AND CODING

The next series of questions are designed to measure your mental abilities related to memory and arithmetic. Some of the questions may seem easy, some may seem hard. Just do the best you can.

RESPONSE **SCORE**

C1a. What year is it? _____ C1a. _____

MMSE1A	Freq	Percent	Cum Freq	Cum Percent
0	19	1.02	19	1.02
1	1841	98.98	1860	100.00

b. What season is it? _____ C1b. _____

MMSE1B	Freq	Percent	Cum Freq	Cum Percent
0	50	2.69	50	2.69
1	1810	97.31	1860	100.00

c. What is today's date? _____ C1c. _____

MMSE1C	Freq	Percent	Cum Freq	Cum Percent
0	79	4.25	79	4.25
1	1781	95.75	1860	100.00

d. What day of the week is it? _____ C1d. _____

MMSE1D	Freq	Percent	Cum Freq	Cum Percent
0	21	1.13	21	1.13
1	1839	98.87	1860	100.00

e. What month is it? _____ C1e. _____

MMSE1E	Freq	Percent	Cum Freq	Cum Percent
0	22	1.18	22	1.18
1	1838	98.82	1860	100.00

C2a. What state are we in? _____ C2a. _____

MMSE2A	Freq	Percent	Cum Freq	Cum Percent
0	6	0.32	6	0.32
1	1854	99.68	1860	100.00

b. What county are we in? _____ C2b. _____

MMSE2B	Freq	Percent	Cum Freq	Cum Percent
0	88	4.73	88	4.73
1	1772	95.27	1860	100.00

c. What town (city) are we in? _____ C2c. _____

MMSE2C	Freq	Percent	Cum Freq	Cum Percent
0	21	1.13	21	1.13
1	1839	98.87	1860	100.00

d. What building or place are we in? _____ C2d. _____

MMSE2D	Freq	Percent	Cum Freq	Cum Percent
0	515	27.69	515	27.69
1	1345	72.31	1860	100.00

e. What floor are we on? _____ C2e. _____

MMSE2E	Freq	Percent	Cum Freq	Cum Percent
0	32	1.72	32	1.72
1	1828	98.28	1860	100.00

C3. Now I am going to name three objects. When I finish I would like you to repeat them back to me. Ready? The objects are **penny**, **apple**, and **table**. (PAUSE) Now repeat them back to me.

PENNY APPLE TABLE C3. _____

MMSE3	Freq	Percent	Cum Freq	Cum Percent
0	1	0.05	1	0.05
1	4	0.22	5	0.27
2	36	1.94	41	2.20
3	1819	97.80	1860	100.00

Thank you. Now try to remember these objects because I will ask you to repeat them again later.

C4. Now I will ask you to complete a counting exercise. Please begin counting with 100 and count backwards by 7s. Keep going until I ask you to stop.

93, 86, 79, 72, 65 _____ C4. _____

MMSE4	Freq	Percent	Cum Freq	Cum Percent
-7	9	0.48	9	0.48
0	91	4.89	100	5.38
1	97	5.22	197	10.59
2	136	7.31	333	17.90
3	281	15.11	614	33.01
4	419	22.53	1033	55.54
5	827	44.46	1860	100.00

C4a. Please spell the word **WORLD** backwards.

DLROW C4a.

MMSE4A	Frequency	Percent	Cum Freq	Cum Percent
-7	3	0.16	3	0.16
-9	1	0.05	4	0.22
DLLOW	1	0.05	5	0.27
DLOLW	1	0.05	6	0.32
DLOOW	1	0.05	7	0.38
DLORD	1	0.05	8	0.43
DLORO	3	0.16	11	0.59
DLORW	108	5.81	119	6.40
DLOUR	1	0.05	120	6.45
DLOW	28	1.51	148	7.96
DLOW-	1	0.05	149	8.01
DLOWD	1	0.05	150	8.06
DLOWR	1	0.05	151	8.12
DLRDW	1	0.05	152	8.17
DLRLO	1	0.05	153	8.23
DLRLW	2	0.11	155	8.33
DLROD	3	0.16	158	8.49
DLROL	1	0.05	159	8.55
DLROR	1	0.05	160	8.60
DLROW	1595	85.75	1755	94.35
DLRUO	1	0.05	1756	94.41
DLRW	1	0.05	1757	94.46
DLRWO	1	0.05	1758	94.52
DLUOR	1	0.05	1759	94.57
DLUOW	1	0.05	1760	94.62
DLWOR	1	0.05	1761	94.68
DOLOR	1	0.05	1762	94.73
DOLW	1	0.05	1763	94.78
DORLW	4	0.22	1767	95.00
DOROW	1	0.05	1768	95.05
DORW	2	0.11	1770	95.16
DOWRW	1	0.05	1771	95.22
DRLOW	12	0.65	1783	95.86
DRLRO	1	0.05	1784	95.91
DROLW	3	0.16	1787	96.08
DRORW	1	0.05	1788	96.13
DROW	16	0.86	1804	96.99
DRROW	2	0.11	1806	97.10
LDORW	1	0.05	1807	97.15
LDOW	2	0.11	1809	97.26
LDROW	7	0.38	1816	97.63
LOROW	1	0.05	1817	97.69
LORW	1	0.05	1818	97.74
LROW	1	0.05	1819	97.80
THROW	1	0.05	1820	97.85
dlorw	2	0.11	1822	97.96
dlow	1	0.05	1823	98.01
dlrod	1	0.05	1824	98.06
dlrow	34	1.83	1858	99.89
dolow	1	0.05	1859	99.95
drow	1	0.05	1860	100.00

C5. Remember the 3 objects I asked you to repeat back to me earlier? Please repeat them back to me now.

PENNY APPLE TABLE

C5. _____

MMSE5	Freq	Percent	Cum Freq	Cum Percent
0	52	2.80	52	2.80
1	151	8.12	203	10.91
2	486	26.13	689	37.04
3	1171	62.96	1860	100.00

C6. Now I am going to ask you to name 2 objects when I point to them. FOR EACH ITEM ASK: What is this called?

PENCIL WATCH

C6. _____

MMSE6	Freq	Percent	Cum Freq	Cum Percent
0	1	0.05	1	0.05
1	10	0.54	11	0.59
2	1849	99.41	1860	100.00

C7. Now I will say a phrase and I want you to repeat it back to me. The phrase is: **no ifs, ands, or buts.**

C7. _____

MMSE7	Freq	Percent	Cum Freq	Cum Percent
0	298	16.02	298	16.02
1	1562	83.98	1860	100.00

C8. I am going to give you a set of instructions to follow. Please listen to them all and then do as they say. Ready?

Take the paper in your right hand.

Fold the paper in half.

Put the paper on the table.

C8. _____

MMSE8	Freq	Percent	Cum Freq	Cum Percent
0	14	0.75	14	0.75
1	21	1.13	35	1.88
2	256	13.76	291	15.65
3	1569	84.35	1860	100.00

- C9. I am going to show you a card with some instructions on it.
Read the instructions and do what they say.

CLOSE YOUR EYES

C9. _____

MMSE9	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
0	9	0.48	10	0.54
1	1850	99.46	1860	100.00

- C10. Now I would like you to write a complete sentence of your own choice. Here is a pencil and a piece of paper on which to write the sentence.

C10. _____

MMSE10	Freq	Percent	Cum Freq	Cum Percent
0	16	0.86	16	0.86
1	1844	99.14	1860	100.00

- C11. Now I am going to show you a card with a design printed on it. I want you to copy this design as closely as you can. Here is a piece of paper and a pencil.

C11. _____

MMSE11	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
0	369	19.84	370	19.89
1	1490	80.11	1860	100.00

INTRODUCTION: This next section is a measure of your ability to learn and remember a list of words that I am going to play on an audiotape. For this section you will use these forms.

HAND THE SUBJECT THE PRE-LABELED HVLT SUBJECT DATA FORMS
PACKET #310a.

Listen carefully to the instructions on this tape. I will stop the tape to answer any questions before you hear the list of words.

FOR EACH TRIAL, START THE TAPE. STOP TAPE AFTER INSTRUCTIONS AND ASK IF THERE ARE ANY QUESTIONS. ANSWER APPROPRIATELY.

Listen to the list of words on this audiotape. Each word will be read only once and cannot be repeated. So listen carefully. Please do not talk during this test. I will not be able to answer questions once I start the tape.

START THE TAPE.

TRIAL 1: START THE TAPE RECORDER. FOLLOW ABOVE DIRECTIONS.
START TIMER WHEN SUBJECT IS TOLD TO WRITE THE WORDS.
ALLOW 2 MINUTES FOR COMPLETION. STOP THE TAPE RECORDER
AND COLLECT THE NUMBER 1 DATA FORM.

TRIAL 2: START THE TAPE RECORDER. FOLLOW ABOVE DIRECTIONS.
START TIMER WHEN SUBJECT IS TOLD TO WRITE THE WORDS.
ALLOW 2 MINUTES FOR COMPLETION. STOP THE TAPE RECORDER
AND COLLECT THE NUMBER 2 DATA FORM.

TRIAL 3: START THE TAPE RECORDER. FOLLOW ABOVE DIRECTIONS.
START TIMER WHEN SUBJECT IS TOLD TO WRITE THE WORDS.
ALLOW 2 MINUTES FOR COMPLETION. STOP THE TAPE RECORDER
AND COLLECT THE NUMBER 3 DATA FORM.

RECORD TRIAL 3 END TIME WHEN THE SUBJECT COMPLETES WRITING
THEIR TRIAL 3 LIST.

SECTION D: HVLТ WORD LIST 4 CODING

D1. TRIAL 3 END TIME: _____ : _____ AM / PM

	LEARNING TRIALS					
	TRIAL 1		TRIAL 2		TRIAL 3	
	WORD WRITTEN		WORD WRITTEN		WORD WRITTEN	
	YES	NO	YES	NO	YES	NO
A. LION	1	2	1	2	1	2

LION1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1615	86.83	1617	86.94
2	243	13.06	1860	100.00

LION2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1639	88.12	1641	88.23
2	219	11.77	1860	100.00

LION3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1656	89.03	1658	89.14
2	202	10.86	1860	100.00

B. EMERALD	1	2	1	2	1	2
------------	---	---	---	---	---	---

EMERALD1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1455	78.23	1457	78.33
2	403	21.67	1860	100.00

EMERALD2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1557	83.71	1559	83.82
2	301	16.18	1860	100.00

EMERALD3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1608	86.45	1610	86.56
2	250	13.44	1860	100.00

C. HORSE	1	2	1	2	1	2
----------	---	---	---	---	---	---

HORSE1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1194	64.19	1196	64.30
2	664	35.70	1860	100.00

HORSE2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1540	82.80	1542	82.90
2	318	17.10	1860	100.00

HORSE3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1660	89.25	1662	89.35
2	198	10.65	1860	100.00

D. TENT	1	2	1	2	1	2
---------	---	---	---	---	---	---

TENT1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1015	54.57	1017	54.68
2	843	45.32	1860	100.00

TENT2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1371	73.71	1373	73.82
2	487	26.18	1860	100.00

TENT3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1447	77.80	1449	77.90
2	411	22.10	1860	100.00

E. SAPPHIRE	1	2	1	2	1	2
-------------	---	---	---	---	---	---

sapphir1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1251	67.26	1253	67.37
2	607	32.63	1860	100.00

sapphir2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1607	86.40	1609	86.51
2	251	13.49	1860	100.00

sapphir3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1695	91.13	1697	91.24
2	163	8.76	1860	100.00

F. HOTEL	1	2	1	2	1	2
----------	---	---	---	---	---	---

HOTEL1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	818	43.98	820	44.09
2	1040	55.91	1860	100.00

HOTEL2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1479	79.52	1481	79.62
2	379	20.38	1860	100.00

HOTEL3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1662	89.35	1664	89.46
2	196	10.54	1860	100.00

G. CAVE	1	2	1	2	1	2
---------	---	---	---	---	---	---

CAVE1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	809	43.49	811	43.60
2	1049	56.40	1860	100.00

CAVE2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1348	72.47	1350	72.58
2	510	27.42	1860	100.00

CAVE3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1535	82.53	1537	82.63
2	323	17.37	1860	100.00

H. OPAL	1	2	1	2	1	2
---------	---	---	---	---	---	---

OPAL1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1198	64.41	1200	64.52
2	660	35.48	1860	100.00

OPAL2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1473	79.19	1475	79.30
2	385	20.70	1860	100.00

OPAL3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1573	84.57	1575	84.68
2	285	15.32	1860	100.00

I. TIGER	1	2	1	2	1	2
----------	---	---	---	---	---	---

TIGER1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1261	67.80	1263	67.90
2	597	32.10	1860	100.00

TIGER2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1548	83.23	1550	83.33
2	310	16.67	1860	100.00

TIGER3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1618	86.99	1620	87.10
2	240	12.90	1860	100.00

J. PEARL	1	2	1	2	1	2
----------	---	---	---	---	---	---

PEARL1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1077	57.90	1079	58.01
2	781	41.99	1860	100.00

PEARL2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1362	73.23	1364	73.33
2	496	26.67	1860	100.00

PEARL3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1504	80.86	1506	80.97
2	354	19.03	1860	100.00

K. COW	1	2	1	2	1	2
--------	---	---	---	---	---	---

COW1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	973	52.31	975	52.42
2	885	47.58	1860	100.00

COW2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1469	78.98	1471	79.09
2	389	20.91	1860	100.00

COW3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1630	87.63	1632	87.74
2	228	12.26	1860	100.00

L. HUT	1	2	1	2	1	2
--------	---	---	---	---	---	---

HUT1	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1308	70.32	1310	70.43
2	550	29.57	1860	100.00

HUT2	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1576	84.73	1578	84.84
2	282	15.16	1860	100.00

HUT3	Freq	Percent	Cum Freq	Cum Percent
-9	1	0.05	1	0.05
-7	1	0.05	2	0.11
1	1648	88.60	1650	88.71
2	210	11.29	1860	100.00

SECTION E: WORD SERIES

NOW ADMINISTER WORD SERIES FOLLOWING SCRIPT IN WORD SERIES FORM #311.

HAND THE SUBJECT THE PRE-LABELED WORD SERIES FORM #311.

SECTION F: HVLT RECOGNITION – WORD LIST 2

Now I am going to play an audiotape with another list of words. For this task you will use this form.

HAND THE SUBJECT THE PRE-LABELED HVLT RECOGNITION DATA FORM, FORM #312.

Find the instructions above the boxes on the form. You will be writing either a Y for YES or an N for NO in each box. You will only have time to write a Y or an N because the words will be read very quickly. Remember, do not write YES or NO, just Y or N. Now listen carefully to the instructions on this audiotape. START TAPE.

AFTER INSTRUCTIONS AND BEFORE THE WORD LIST, STOP TAPE. ASK IF ANY QUESTIONS AND RESPOND APPROPRIATELY.

Once I start the tape, I will not be able to answer any questions. Please do not talk during the test. Ready? START TAPE.

RECORD HVLT RECOGNITION TRIAL START TIME AS YOU START THE TAPE.

F1. RECORD START TIME: _____ : _____ AM / PM

STOP THE TAPE RECORDER AND COLLECT THE DATA FORM AT THE END OF TEST.

SECTION G: BREAK POINT

SECTION H: UFOV

The next test is a visual attention test called the Useful Field of View. This test will measure how well you can notice objects around you when you are paying attention to something in front of you. This ability to divide your attention and notice things to the side is needed for getting around safely in the environment.

You will go through a series of brief exercises. These exercises will become harder and harder. For each exercise, you will quickly reach a point where it will become too fast for you to see everything. This is OK. We are looking for the speed at which the exercise becomes too difficult. At this point, you will have to guess at the correct response. Guessing is OK because many times you will be correct even when you are not sure.

TOUCH PRACTICE: Before we begin the actual task, I want you to practice using the touch screen. Let’s read the directions together from the computer screen.

UFOV ADMINISTERED..... 1

UFOV NOT ADMINISTERED..... 2

UFOVADM	Frequency	Percent	Cum Freq	Cum Percent
-9	2	0.11	2	0.11
1	1831	98.44	1833	98.55
2	27	1.45	1860	100.00

SECTION I: CRT

This is a traffic sign recognition test. It will measure how fast you can recognize that one sign has changed relative to other signs. This ability to notice and react to changes in objects is helpful for mobility in everyday life.

MOUSE PRACTICE: Before we begin the actual task, I want you to practice using the mouse. Let’s read the directions together from the computer screen.

CRT ADMINISTERED..... 1

CRT NOT ADMINISTERED..... 2

CRTADMIN	Frequency	Percent	Cum Freq	Cum Percent
-9	3	0.16	3	0.16
1	1820	97.85	1823	98.01
2	37	1.99	1860	100.00

SECTION J: END TIME

RECORD THE SESSION END TIME WHEN YOU COMPLETE THE CRT.

INSTRUCTIONS FOR THE TAKE-HOME QUESTIONNAIRE

Thank you very much. That completes today's assessment. We appreciate all the time and effort you give to this project. Your participation is very helpful.

Before you go, I would like to give you a questionnaire that we would like you to take home and complete on your own. You can bring back the completed form at the time of your next visit. If we review the form and the instructions together right now, it should be easier for you to complete it when you sit down alone at home. It should only take 5 minutes to review it together. Here is the questionnaire.

INTRODUCTION: There are two things for you to do on page 1; read the introduction and write the date of the day that you sit down to complete the questionnaire.

I want to point out that the form has five (5) sections. Each section has its own set of instructions. Read the instructions for each section carefully before you answer the questions in that section.

BRIEFLY REVIEW INSTRUCTIONS AND ANY EXAMPLES FOR EACH SECTION OF THE FORM.

It may seem complicated now but all the directions are here for you to review on your own when you sit down to complete the form. And I (or another ACTIVE staff person) can go over any items that still seem confusing when you come back.

We would like you to complete the questionnaire at home and bring it back when you come in for your next appointment. Please do not ask friends or family for help while filling out the questionnaires. It's your answers we want. Try to answer every item, but do not dwell too long on any one question. After you have completed all the sections, check your answers to make sure that you have not missed any items. If you have any questions about any or all of the items, we will be happy to answer them the next time you come in.

REMINDER:

ASK PARTICIPANTS COMING FOR INDIVIDUAL ASSESSMENT PART II TO WEAR A SHORT SLEEVED SHIRT OR SWEATER, AND COMFORTABLE WALKING SHOES. ALSO, ASK THEM TO BRING ANY GLASSES THEY WEAR (INCLUDING READING GLASSES).