30-DAY FUNCTIONING AND DISABILITY (FD)

*FD1. The next questions are about your health in the past 30 days. Was your overall physical health during the past 30 days better, worse, or about the same as usual for you?

BETTER ................................. 1
WORSE ..................................... 2
ABOUT THE SAME ............... 3  GO TO *FD2
DON’T KNOW .......................... 8  GO TO *FD2
REFUSED ................................... 9  GO TO *FD2

*FD1a. A lot (better/worse), somewhat, or only a little (better/worse) than usual?

A LOT ......................................... 1
SOMewhat ................................. 2
A LITTLE ..................................... 3
DON’T KNOW .............................. 8
REFUSED ..................................... 9

*FD2. How often did you experience physical discomfort, such as pain, nausea, or dizziness in the past 30 days – all the time, most of the time, some of the time, a little of the time, or none of the time?

ALL .......................................... 1
MOST ......................................... 2
SOME ......................................... 3
A LITTLE ..................................... 4
NONE .......................................... 5  GO TO *FD3
DON’T KNOW .............................. 8  GO TO *FD3
REFUSED ..................................... 9  GO TO *FD3

*FD2a. On average, how severe was your physical discomfort during the time you experienced it in the past 30 days – mild, moderate, severe, or very severe?

MILD ......................................... 1
MODERATE ................................. 2
SEVERE ..................................... 3
VERY SEVERE .............................. 4
DON’T KNOW .............................. 8
REFUSED ..................................... 9
**FD3.** Was your overall mental health during the past 30 days better, worse, or about the same as usual for you?

- BETTER ......................................... 1
- WORSE .......................................... 2
- ABOUT THE SAME ..................... 3  **GO TO **FD4
- DON’T KNOW 8  **GO TO **FD4
- REFUSED ...................................... 9  **GO TO **FD4

**FD3a.** Was that a lot (better/worse), somewhat, or only a little (better/worse) than usual?

- A LOT ............................................ 1
- SOMEWHAT .................................... 2
- A LITTLE ...................................... 3
- DON’T KNOW 8  **GO TO **FD4
- REFUSED ...................................... 9

<table>
<thead>
<tr>
<th><strong>FD4.</strong> Beginning yesterday and going back 30 days, how many days out of the past 30 were you totally unable to work or carry out your normal activities?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NUMBER OF DAYS (0-30)</strong></td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>DAYS</td>
</tr>
</tbody>
</table>

**FD4.1. INTERVIEWER CHECKPOINT:** (SEE **FD4**)

- **FD4** EQUALS ‘0’ ......................... 1  **GO TO **FD5
- **FD4** EQUALS ‘1’ ......................... 2  **GO TO **FD4a
- **FD4** EQUALS ‘2’ – ‘30’ ............. 3  **GO TO **FD4b

**FD4a.** Was that due to your emotions, nerves, mental health, or your use of alcohol or drugs?

- 1  **GO TO **FD5
- 5  **GO TO **FD5
- 998  **GO TO **FD4b  **GO TO **FD5
- 999  **GO TO **FD5

**FD4b.** How many of these (NUMBER) days were due to your emotions, nerves, mental health, or your use of alcohol or drugs?

- 1  **GO TO **FD5
- 5  **GO TO **FD5
- 998  **GO TO **FD5
- 999  **GO TO **FD5

**FD5.** How many days out of the past 30 did you stay in bed more than half the day because of problems with either your physical health, your mental health, or your use of alcohol or drugs?

- 1  **GO TO **FD5
- 5  **GO TO **FD5
- 998  **GO TO **FD5
- 999  **GO TO **FD5
<table>
<thead>
<tr>
<th>*FD6. INTERVIEWER CHECKPOINT: (SEE *FD4)</th>
<th>NUMBER OF DAYS (0-30)</th>
<th>YES</th>
<th>NO</th>
<th>DK</th>
<th>RF</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD4 EQUALS ‘30’ ........................ 1</td>
<td>GO TO *FD10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALL OTHERS ................................ 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| *FD7. How many days out of the past 30 were you able to work and carry out your normal activities, but had to cut down on what you did or not get as much done as usual? | DAYS | 998 | GO TO *FD7b | 999 | GO TO *FD8 |
|*[FD7.1. INTERVIEWER CHECKPOINT: (SEE *FD7)]| | 1 | GO TO *FD8 | 5 | GO TO *FD8 |
| *FD7 EQUALS ‘0’ ............................ 1 | GO TO *FD8           |     |    |    |    |
| *FD7 EQUALS ‘1’ ............................ 2 | GO TO *FD7a        |     |    |    |    |
| *FD7 EQUALS ‘2’ – ‘30’ ........................ 3 | GO TO *FD7b       |     |    |    |    |

| *FD7a. Was that due to your emotions, nerves, mental health, or your use of alcohol or drugs? | DAYS | 1 | GO TO *FD8 | 5 | GO TO *FD8 | 998 | GO TO *FD8 | 999 | GO TO *FD8 |
|                                                                                       |     | 1 | GO TO *FD8 | 5 | GO TO *FD8 | 998 | GO TO *FD8 | 999 | GO TO *FD8 |

| *FD7b. How many of these (NUMBER) days were due to your emotions, nerves, mental health, or your use of alcohol or drugs? | DAYS | 998 | 999 |

| *FD8. How many days out of the past 30 did you cut back on the quality of your work or how carefully you worked because of problems with either your physical health, your mental health, or your use of alcohol or drugs? | DAYS | 998 | 999 |

| *FD9. How many days out of the past 30 did it take an extreme effort to perform up to your usual level at work or at your other normal daily activities because of problems with either your physical health, your mental health, or your use of alcohol or drugs? | DAYS | 998 | GO TO *FD9b | 999 | GO TO *FD10 |
|*[FD9.1. INTERVIEWER CHECKPOINT: (SEE *FD9)]| | 1 | GO TO *FD10 | 5 | GO TO *FD10 | 998 | GO TO *FD10 | 999 | GO TO *FD10 |
| *FD9 EQUALS ‘0’ ............................ 1 | GO TO *FD10           |     |    |    |    |
| *FD9 EQUALS ‘1’ ............................ 2 | GO TO *FD9a        |     |    |    |    |
| *FD9 EQUALS ‘2’ – ‘30’ ........................ 3 | GO TO *FD9b       |     |    |    |    |

| *FD9a. Was that due to your emotions, nerves, mental health, or your use of alcohol or drugs? | DAYS | 998 | 999 |

| *FD9b. How many of these (NUMBER) days were due to your emotions, nerves, mental health, or your use of alcohol or drugs? | DAYS | 998 | 999 |
*FD10. Was there ever a time in the past 30 days when health-related problems caused difficulties with either (READ SLOWLY) your concentration, memory, understanding, or ability to think clearly?

YES ........................................ 1
NO ........................................ 5   GO TO *FD12
DON'T KNOW ......................... 8   GO TO *FD12
REFUSED .............................. 9   GO TO *FD12

*FD10a. How many days did you have these difficulties during the past 30 days?

________ DAYS

DON'T KNOW .............................. 998
REFUSED ................................. 999

*FD11. (RB, PG 46) (Look at page 46 in your booklet.) During (that/those NUMBER FROM *FD10a) day(s), how much difficulty did you have in each of the following areas:

<table>
<thead>
<tr>
<th>(IF NEC: None, mild, moderate, or severe difficulty?)</th>
<th>NONE (1)</th>
<th>MILD (2)</th>
<th>MOD (3)</th>
<th>SEV (4)</th>
<th>(IF VOL) CANNOT DO (5)</th>
<th>DK (8)</th>
<th>RF (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD11a. Concentrating on doing something for ten minutes – none, mild, moderate, or severe difficulty?</td>
<td>1 2 3 4 5</td>
<td>8 9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*FD11b. Understanding what was going on around you?</td>
<td>1 2 3 4 5</td>
<td>8 9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*FD11c. Remembering to do important things?</td>
<td>1 2 3 4 5</td>
<td>8 9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*FD11d. Learning a new task – for example, learning how to get to a new place?</td>
<td>1 2 3 4 5</td>
<td>8 9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*FD12. Was there ever a time in the past 30 days when health-related problems caused you difficulties with mobility, such as standing for long periods, moving around inside your home, or getting out of your home?

YES ........................................ 1
NO ........................................ 5   GO TO *FD14
DON'T KNOW ......................... 8   GO TO *FD14
REFUSED .............................. 9   GO TO *FD14

*FD12a. How many days did you have these difficulties during the past 30 days?

________ DAYS

DON'T KNOW .............................. 998
REFUSED ................................. 999
*FD13. (RB, PG 46) (Look at page 46 in your booklet.) During (that/those NUMBER FROM *FD12a) day(s), how much difficulty did you have in each of the following areas:

<table>
<thead>
<tr>
<th>(IF NEC: none, mild, moderate, or severe difficulty?)</th>
<th>NONE (1)</th>
<th>MILD (2)</th>
<th>MOD (3)</th>
<th>SEV (4)</th>
<th>(IF VOL) CANNOT DO (5)</th>
<th>DK (8)</th>
<th>RF (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD13a. Standing for long periods, such as 30 minutes?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD13b. Moving around inside your home?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD13c. Walking a long distance such as (a kilometer/half a mile)?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
</table>

*FD14. Was there ever a time in the past 30 days when health-related problems caused you difficulties with self care, such as washing your whole body, getting dressed, or feeding yourself?

- YES .................................................................1
- NO .................................................................5  GO TO *FD16
- DON’T KNOW ..................................................8  GO TO *FD16
- REFUSED .......................................................9  GO TO *FD16

*FD14a. How many days did you have these difficulties during the past 30 days?

    ________ DAYS

    DON’T KNOW.........................998
    REFUSED..............................999

*FD15. (RB, PG 46) (Look at page 46 in your booklet.) During (that/those NUMBER FROM *FD14a) day(s), how much difficulty did you have in each of the following areas:

<table>
<thead>
<tr>
<th>(IF NEC: none, mild, moderate, or severe difficulty?)</th>
<th>NONE (1)</th>
<th>MILD (2)</th>
<th>MOD (3)</th>
<th>SEV (4)</th>
<th>(IF VOL) CANNOT DO (5)</th>
<th>DK (8)</th>
<th>RF (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD15a. Washing your whole body?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD15b. Getting dressed?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD15c. Staying by yourself for a few days?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
</table>
**FD16.** Was there ever a time in the past 30 days when health-related problems caused you difficulties either getting along with people, maintaining a normal social life, or participating in social activities?

YES ................................................................. 1
NO ................................................................. 5   GO TO *FD17.1
DON'T KNOW .............................................. 8   GO TO *FD17.1
REFUSED ...................................................... 9   GO TO *FD17.1

**FD16a.** How many days did you have these difficulties during the past 30 days?

________ DAYS

DON'T KNOW.............................998
REFUSED .................................................999

**FD17.** (RB, PG 46) (Look at page 46 in your booklet.) During (that/those NUMBER FROM *FD16a) day(s), how much difficulty did you have in each of the following areas:

<table>
<thead>
<tr>
<th>(IF NEC: none, mild, moderate, or severe difficulty?)</th>
<th>NONE (1)</th>
<th>MILD (2)</th>
<th>MOD (3)</th>
<th>SEV (4)</th>
<th>(IF VOL) CANNOT DO (5)</th>
<th>DK (8)</th>
<th>RF (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD17a. Starting and maintaining a conversation?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD17b. Dealing with people you did not know well?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD17c. Maintaining friendships?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD17d. Making new friends?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD17e. Controlling your emotions when you were around people?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
</table>


(*FD2 EQUALS ‘1’ – ‘2’ AND *FD2a EQUALS ‘3’) OR *FD4 EQUALS ‘3’ – ‘30’ OR
*FD5 EQUALS ‘3’ – ‘30’ OR (TWO OR MORE RESPONSES CODED ‘3’ – ‘5’ IN *FD11a-d, *FD13a-c, *FD15a-c, *FD17a-e)............................................................................ 1
ALL OTHERS........................................................................................................... 2   GO TO *FD23
<table>
<thead>
<tr>
<th>*FD18. (RB, PG 46) (Look at page 46 in your booklet.) (IF NEC: none, mild, moderate, or severe difficulty?)</th>
<th>NONE (1)</th>
<th>MILD (2)</th>
<th>MOD (3)</th>
<th>SEV (4)</th>
<th>(IF VOL) CANNOT DO (5)</th>
<th>DK (8)</th>
<th>RF (9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD18a. During the past 30 days, how much health-related difficulty did you have in taking care of your household responsibilities – none, mild, moderate, or severe difficulty?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD18b. How much were you emotionally affected by your health during the past 30 days?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD18c. How much was your health a drain on the financial resources of you or your family during the past 30 days?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>*FD18d. During the past 30 days, how much of a problem did you have in joining in community activities for example, festivities, religious or other activities in the same way as anyone else can because of your health?</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
</table>


TWO OR MORE RESPONSES CODED ‘3’ OR ‘4’ OR ‘5’ .......................1
ALL OTHERS .......................................................................................2 GO TO *FD23

*FD20. How much embarrassment did you experience because of your health problems during the past 30 days – none, a little, some, a lot, or extreme embarrassment?

NONE .............................................................1
A LITTLE ......................................................2
SOME .............................................................3
A LOT ............................................................4
EXTREME .....................................................5
DON’T KNOW ..................................................8
REFUSED .........................................................9
**FD21.** How much discrimination or unfair treatment did you experience because of your health problems during the past 30 days – none, a little, some, a lot, or extreme unfair treatment?

- NONE...............................................................1
- A LITTLE .......................................................2
- SOME .............................................................3
- A LOT ..............................................................4
- EXTREME.......................................................5
- DON’T KNOW................................................8
- REFUSED.........................................................9

**FD22.** How much did your health-related difficulties interfere with the life and activities of your close friends and family members during the past 30 days – not at all, a little, some, a lot, or extremely?

- NONE...............................................................1
- A LITTLE .......................................................2
- SOME .............................................................3
- A LOT ..............................................................4
- EXTREMELY....................................................5
- DON’T KNOW................................................8
- REFUSED.........................................................9

**FD23.** (RB, PG 47) The next few questions use the 0 to 100 scale on page 47 in your booklet where 0 represents the worst possible health a person can have and 100 represents the best health you can imagine. Using that scale, what number would you use to describe:

<table>
<thead>
<tr>
<th>INTERVIEWER: ASK R TO MARK AND LABEL ON RB</th>
<th>NUMBER (0-100)</th>
<th>DK (998)</th>
<th>RF (999)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FD23a. The health of an otherwise healthy person with a broken leg?</td>
<td>_______</td>
<td>998</td>
<td>999</td>
</tr>
<tr>
<td>*FD23b. What number would you use to describe the health of a person with severe arthritis?</td>
<td>_______</td>
<td>998</td>
<td>999</td>
</tr>
<tr>
<td>*FD23c. What number would you use to describe the health of a person with terminal cancer?</td>
<td>_______</td>
<td>998</td>
<td>999</td>
</tr>
<tr>
<td>*FD23d. What number would you use to describe your own overall physical and mental health during the past 30 days?</td>
<td>_______</td>
<td>998</td>
<td>999</td>
</tr>
</tbody>
</table>

**FD24.** INTERVIEWER CHECKPOINT: (SEE *FD23d)

- *FD23d EQUALS ‘90’ – ‘100’………………….1  GO TO *NSD1, NEXT SECTION
- ALL OTHERS…………………………………..2

**FD24.1.** How many months or years has your health been at this level?

- ___________ NUMBER
- CIRCLE UNIT OF TIME: MONTHS............1  YEARS.............2
- DON’T KNOW ............998
- REFUSED...............999
*FD25. (RB, PG 47) (Still looking at the same 0 to 100 scale on page 47 in your booklet:) You gave yourself a rating of (NUMBER IN *FD23d). Imagine that a totally safe treatment was available that you could have taken at the beginning of the month to achieve perfect health -- a score of 100 -- for 30 days. Would you have been willing to pay $100 for that treatment to have a score of 100 rather than a score of (NUMBER IN *FD23d) for a full month?

YES...............................1
NO .................................5  GO TO *FD25b
DON’T KNOW ..................8  GO TO *FD25c
REFUSED .........................9  GO TO *FD26

*FD25a. Would you have been willing to pay $500?

YES ..............................1  GO TO *FD25c
NO ...............................5  GO TO *FD25c
DON’T KNOW .................8  GO TO *FD25c
REFUSED .......................9  GO TO *FD25c

*FD25b. Would you have been willing to pay $50?

YES .............................1
NO ...............................5
DON’T KNOW ...............8
REFUSED .......................9

*FD25c. What is the largest amount you would have been willing to pay in order to have a score of 100 rather than a score of (NUMBER IN *FD23d) for a full month?

(IF VOL “WOULDN’T PAY ANY AMOUNT,” CODE 0.)

$___________________

DON’T KNOW ..........998
REFUSED .................999
*FD26. Imagine a situation where you could get that same treatment for free, but that you could not get up and do things for three days after you took the treatment. You would have perfect health for the rest of the month after you woke up. Would you be willing to take this free treatment if it took three days out of your month?

YES..................................................1
NO ..........................................................5  GO TO *FD26b
DON’T KNOW.............................8  GO TO *FD26c
REFUSED .............................................9  GO TO *NSD1, NEXT SECTION

*FD26a. Would you be willing to take it if it took seven days out of your month?

YES.................................1  GO TO *FD26c
NO...................................5  GO TO *FD26c
DON’T KNOW..............8  GO TO *FD26c
REFUSED .....................9  GO TO *FD26c

*FD26b. Would you be willing to take it if it took one day out of your month?

YES.................................1
NO...................................5
DON’T KNOW..............8
REFUSED .....................9

*FD26c. What is the longest (IF *FD26 EQUALS ‘5’ – ‘8’: amount of time/ ALL OTHERS: number of days) you would be willing to give up per month to take the treatment?

____________  DURATION NUMBER

CIRCLE UNIT OF TIME: HOURS ......1  DAYS ........2  MONTHS ...... 3  YEARS ...... 4

DON’T KNOW ..........998
REFUSED...............999

GO TO *NSD1, NEXT SECTION