

VERY LOW AND LOW INCOME WORKSHEET
NORTH DAKOTA DIVISION OF COMMUNITY SERVICES
 SFN 52667 (10/00)

PART A. INFORMATION CONTAINED IN YOUR SURVEY	
1. Enter the estimated total number of households in the target area.	_____
2. Enter the total number of households interviewed.	_____
3. Enter the total number of very low and low income households interviewed.	_____
4. Enter the total number of persons living in the very low and low income households interviewed.	_____
5. Enter the total number of households interviewed in which the income was above the very low and low income level.	_____
6. Enter the total number of persons living in the households in which the income was above the very low and low income level.	_____
PART B. CALCULATIONS BASED ON DATA CONTAINED IN YOUR SURVEY	
7. Divide Line 4 by Line 3. (This is the average size of the very low-low households you interviewed)	_____
8. Divide Line 6 by Line 5. (This is the average size of the non-very low-low households you interviewed)	_____
9. Divide Line 3 by Line 2. (This is proportion of households interviewed that have very low and low income)	_____
10. Divide Line 5 by Line 2. (This is proportion of households interviewed that do not have very low and low income)	_____
11. Multiply Line 1 by Line 9. (This is the estimate of the total number of very low-low households in your target area)	_____
12. Multiply Line 1 by Line 10. (This is the estimate of the total number of non-very low-low households in your target area)	_____
13. Multiply Line 7 by Line 11. (This is the estimate of the total number of very low-low persons in your target area)	_____
14. Multiply Line 8 by Line 12. (This is the estimate of the total number of non-very low-low persons in your target area)	_____
15. Add Line 13 and Line 14. (This is the estimate of the total number of persons in your target area)	_____
16. Divided Line 13 by Line 15, and multiply the resulting decimal by 100. (This is the estimated percentage of persons in your target area who have very low and low incomes)	_____

PART C. INSTRUCTIONS AND EXPLANATIONS

1. The number that goes on Line 1 is something you needed to know before drawing your sample. In the course of your survey, you may have refined your original estimate. On Line 1, you should enter your current best estimate of the total number of households in the area.
2. For the number of households interviewed, you actually want the total number of interviews with complete and, as far as you can tell, accurate information on the income and size of household questions.
3. When you are completing Part A be sure that the answers are logical. For example, the number on Line 4 cannot be smaller than the number on Line 3 (because every household must have at least one person). Similarly, the number on Line 6 cannot be less than the number on Line 5. Also note that the number on Line 3 plus the number on Line 5 should equal the number on Line 2 – every household is either very low and low income or it is not.
4. Some examples for Part B. For purposes of illustration, assume that you estimated that the target area contained 650 households (Line 1). Assume that you interviewed 250 households (Line 2), of whom 130 had very low and low incomes (Line 3). These very low and low income households contained 450 persons (Line 4). The 120 households with incomes above the very low and low income level (Line 5) contained 400 persons (Line 6). You would complete Part B as follows:

Line 7. If the households you interviewed contain 450 very low-low persons in 130 households, the number on Line 7 would be about 3.46 ($450/130$).

Line 8. If the households you interviewed contained 400 non-very low-low persons in 120 households, the number on Line 8 would be about 3.33 ($400/120$).

Line 9. If you interviewed a total of 250 households, 130 of which had very low and low incomes, the number on Line 9 would be about .52 ($130/250$).

Line 10. If 120 of the 250 households you interviewed did not have very low and low incomes, the number on Line 10 would be about .48 ($120/250$).

Line 11. If your target area contained an estimated 650 households, and you interviewed 250, of which 130 had very low and low incomes, the number on Line 11 would be about 333 ($650 \times .52$).

Line 12. Continuing with the example, Line 12 would be about 312 ($650 \times .48$).

Line 13. 3.46 persons per very low-low income household times 338 very low-low households – Line 13 would be about 1,169.

Line 14. 3.33 persons per non-very low-low household times 312 non-very low-low households – Line 14 would be about 1,039.

Line 15. Total very low-low persons (1,169) plus total non-very low-low persons (1,039) – Line 15 would be about 2,208 estimated total persons.

Line 16. 1,169 very low-low persons divided by 2,208 total persons yields about .5294. Multiplied by 100, this gives an estimate that about 52.94 percent of the residents have very low and low incomes.