MarketSafe project

Baseline tool for individual HH survey

Section A: Interview information and Background

A.2	5-digit farmer ID	
A.3	Interviewers name and ID	
A.4	Name of the supervisor and ID	
A.5	County	
A.6	Sub county	
A.7	Village	
A.8	Group name (whose meeting you are at)	
A.9	Full name of the respondent	
A.10	Do you belong to any other farmer groups?	0-No → A12 1-Yes → A11
A.11.a	In which village is your other group based?	
A.11.b	Please indicate which other farmer groups you belong to	
	END SURVEY IF A10==1 and one of the other groups includes one in our sample.	
A.12	Are you planning to grow maize in the current season (Oct 2017-March 2018)	0-No –> end 1-Yes
A.13	Has another person in your household (who normally lives in your compound and eats with you) been interviewed by someone from our team? *Probe if the respondent doesn't know (have resp call HH member to find out, if needed).*	0=No 1=Yes If yes……END If no, next
A.14	Consent obtained?	0-No –> end 1-Yes
A.15	Common name the respondent is known by (including nick name)	
A.16	Does your household have a phone?	0-No –> A17 1-Yes → A18

A.17	Could you use someone else's phone to receive a call if needed?	0-No→ Section B 1 – Yes → A18
A.18	Respondent's (or other) phone number	
A.19	Is the number you have given me a Safaricom line?	0 - No→ A20 1 – Yes → Section B
A.20	Do you also have a Safaricom line?	0 - No→ A21 1 – Yes → A22
A.21	Could you borrow a Safaricom line from someone else to receive a call if needed?	0 - No→ Section B 1 – Yes → A22
A.22	Do you know the Safaricom number? Probe to get number, call someone if needed. If the respondent has the phone but does not know the number, have them enter *100#, and select "my account" and then "my number")	0 - No→ Section B 1 – Yes → A23
A.23	What is the number?	

If END SURVEY before Section B, display: "*Report to SFO for a replacement farmer"*

Section B: Household Demographics

I am going to ask you some few questions about the members of your HH

B.1	What is the number of persons living in your household? [ ] *A household is defined as a group of people **who <u>normally</u>** eat from the same pot "under the same roof" (or in same compound if the HH has more than one structure)* **Please fill in the details in the table below for the respondent and the household head**

B.2	***B.3***	***B.4***	***B.5***	***B.6***	***B.7***	***B.8***	***B.9***
member code	Household member	Name First name only	Sex **CODE** 0. Female 1. Male	Age ***(completed years)***	Education ***(completed years)*** ***CODE*** 0. None/Illiterate 1. Adult education or 1 year of education * Give other education in years	Relation to HH Head **CODE** 1= Household head 2= Spouse 3= Child (Son/Daughter) 4= Other	Main Occupation ***(time spent)*** ***CODE*** 1=Farming (crop and livestock) 2=Salaried Employment 3=Self-employed off-farm 4=Casual laborer 5=Household chores 6=School/college child 7= Non- school child 8=Other...(***specify)***
01	**Respondent**						
02	**HH Head**						

B.10 Including ALL the household members **(including the respondent and the head**), please list the number of household members in each category

	Age in years	**Number**
B.11.a	0-4 years old	
B.11.b	5-14 years old	
B.11.c	15-64 years old	
B.11.d	65+ years old	

Section C: Household and livestock assets

Now I am going to ask some questions about some of the assets in working (or reparable) condition owned by you or your HH members.

C.1		
	Asset name	In your household, does anyone own [ASSET] 1= Yes 0= No →
Household Assets		
1	TV	
2	Video/DVD/VCR	
3	Mobile phone	
4	Bicycle	
5	Motorcycle	
6	Car/truck/tractor	
7	Radio	
8	Tarpaulin	
Animal Assets		
9	Cows	
10	Oxen	
11	Calves	
12	Goats	
13	Pig	
14	Sheep	

C.2 Do you or another HH member have a mobile phone with Internet connection? (only ask if item 3 is Yes) [……..]

1=Yes
0=No

I will now ask you about your land, the type of crops you grow and agricultural input use

Section D: Land Ownership and use

D.1 Total land owned (Include land cultivated, rented or borrowed out, left fallow)	
D1b. Unit (1=acres; 2=points)	
D2. Total area under maize in Oct 2016-Feb 2017 season (Include own land, land rented in or borrowed in)	
D2b. Unit (1=acres; 2=points)	
D3. Total area you expect to plant with maize in Oct 2017-Feb 2018 season (Include own land, land rented in or borrowed in)	
D3b. Unit (1=acres; 2=points)	

Section E: Agricultural Input use

Now I am going to ask you questions about agricultural inputs used during the last short rains **Oct 2016-Feb 2017** season.

	E.1	E.3	E.4	E.5
Name of input	Did you use [Input] during the last short rains **Oct 2016-Feb 2017** season? 0-No 1-Yes **(If no, skip to next)**	How did you acquire this input **CODE** 1. Individually 2.Through the farmer group (NAME) selected for this project 3.Through another farmer group 4. Both group and individual	Total payment (if paid in kind, give estimated cash values, if loaned, enter total amount owed plus any fee or interest payment) Indicate 99 if respondent doesn't know even after probing	Was this input applied on maize? 0-No 1-Yes
Inorganic fertilizer Probe for All types of fertilizers; DAP, CAN, Urea, foliar				
Hybrid maize seed				
OPV maize seed including the local variety				
Pesticides including herbicides, insecticides				
Rent for oxen or tractors for ploughing /land preparation/ weeding				
Crop transport				
Manure				

Hired and exchange labor

E.6	E.7	E.8	E.9	E.10
Type of labor type	Did you use any [labor type] on your farm (for any crops) during land preparation, planting, and weeding during the last short rains **Oct 2016-Feb 2017** season? 0-No 1-Yes **(If no, skip to next)**	How many man-days did you use [labor type] during land preparation, planting, and weeding **of maize** during the last short rains **Oct 2016-Feb 2017** season?	Daily wage rate per person Indicate 99 if respondent doesn't know even after probing	Value of any lunch or in-kind payment per person per day
Workers hired on daily basis				
Workers hired on longer-term basis				
Exchange labor				

E.11. If there was a new type of input available for maize production and you wanted to use it, would you be able to find 400 shillings to spend on it this season?

0=No → E12

1=Yes → next section

E12. How much would you be able to spend? _____

Section F: Post-harvest handling of maize

F.0. Please think of the most recent October-February harvest season in which you harvested maize. What was the most recent year when you harvested? (indicate 8888 if never harvested maize in October-February season)

Now I will ask you a few questions about the maize you harvested that season.

F.1. Did you dry your maize before shelling?	1=yes; 0=no → SKIP to F.4	
F.2. How did you dry the maize before shelling?	1=sun dried 2=other method (describe) _____ → SKIP to F.4	
F.3 On what surface did you sun-dry the maize before shelling?	1=on the bare earth; 2=on concrete 3=on a cloth made of polypropylene bags (gunia / sarisa) 4=on a tarpaulin or plastic sheet; 5=on the roof; 6=elsewhere (specify)	
F.4. Did you dry your maize after shelling?	1=yes; 0=no → SKIP to SECTION G	
F.5 How did you dry the maize after shelling?	1=sun dried 2=other method (describe) _____ → SKIP to SECTION G	
F.6 On what surface did you dry the maize after shelling?	1=on the bare earth; 2=on concrete 3=on a cloth made of polypropylene bags (gunia/sarisa) 4=on a tarpaulin or plastic sheet; 5=on the roof; 6=elsewhere (specify)	

Section G: Maize harvest and sale

G.1	Did you grow any maize in the October 2016-February 2017 season? (1=yes; 0=no → Skip to H)	
G.2.A	Quantity of maize after drying and shelling	
G.2.B	Unit of measure (1=KG; 2= bags→ G2.C; 3=kasuku (2 KG) ; 4=debe)	
G.2.C	KG per bag	
G.3	Quantity of dried maize you grew that was consumed by your household	
G.3.B	Unit of measure (1=KG; 2= bags → G3.C; 3=kasuku (2 KG); 4=debe)	
G.3.C	KG per bag	
G.4	Quantity of dried maize sold	
G.4.B	Unit of measure (1=KG; 2= bags→ G.4.C; 3=kasuku (2 KG) ; 4=debe)	
G.4.C	KG per bag	

Section H.1: Maize marketing and sale

H1.	Do you ever sell dried, shelled, maize form your farm? 0=No → next section; 1=Yes → continue	
H2.	In which months do you normally sell shelled maize from the February harvest, if you sell any? (allow multiple selections) (01 Jan 02 Feb …. 12 Dec)	
H3.	In which month do you normally sell the largest quantity of shelled maize? (01 Jan 02 Feb …. 12 Dec)	
H4.	Do you normally sell all your shelled maize from the February harvest at once, or do you sell smaller portions at different times? 1=all at once→ next section; 2=multiple times → H5	
H5.	In how many batches do you normally sell the shelled maize you get from the February harvest?	

Section I: Maize harvest expectations

Now I will ask you a few questions about the maize you expect to harvest from the coming crop (planted in Oct 2017 to be harvested in 2018).

I.0.A	When do you expect to plant this coming season? (Month) 09=Sept; 10=Oct; 11=Nov	
I.0.B	Time of month 1=beginning; 2=middle; 3=end	
I.1.A	How much shelled maize do you expect to harvest this year (if the harvest is **normal**)?	
I.1.B	Unit of measure (1=KG; 2= bags→ I.1.C; 3=kasuku (2 KG); 4=debe)	
I.1.C	KG per bag	
I.2.A	How much shelled maize do you expect to harvest this year (if the harvest is **poor**)?	
I.2.B	Unit of measure (1=KG; 2= bags→ I.2.C; 3=kasuku (2 KG); 4=debe)	
I.2.C	KG per bag	
I.3.A	How much shelled maize do you expect to harvest this year (if the harvest is **very good**)?	
I.3.B	Unit of measure (1=KG; 2= bags→ I.3.C; 3=kasuku (2 KG); 4=debe)	
I.3.C	KG per bag	
1.4	Do you expect the February harvest to be bad, normal, or very good? (1=bad; 2=normal; 3=very good)	
I.5.A	If the harvest is normal and you harvest (quantity in I.1.A; unit in I.1.B) of dried shelled maize, how much dried maize will you store for your family's own consumption?	
I.5.B	Unit of measure (1=KG; 2= bags → I.5.C; 3=kasuku (2 KG); 4=debe)	
I.5.C	KG per bag	

Section J: Income sources

J1.	Did you earn any cash income from maize sales for the last 12 months? (1=yes; 0=no)	
Please think about the total amount of income your household earned from DIFFERENT SOURCES for the last 12 months, THINK OF ALL THE SOURCES before answering the question.		
J2.	Was the cash income from maize less than half, about half, or more than half of total household cash income over the last 12 months? 1=less than half; 2=about half; 3=more than half	

Section K: Knowledge and awareness of Aflatoxin and Aflatoxin reducing technologies

	Question	Code	
K.1	Do you know of any problem whereby eating maize can make you sick?	1 - Yes 0 - No	
K.2	Have you ever heard of aflatoxin before today?	1 - Yes 0 - No	
K.3	Can you please tell me what aflatoxin is? ***Do not read responses***	1-Mentions mold only 2-Mentions toxin / poison only 3-Mentions both 4-Maize disease 5-Does not know 96-Other specify	
K.4	Read this before the respondent answers (regardless of whether they have heard of aflatoxin before): ***Aflatoxin is a poison that is produced by mold on maize and other crops*** Do you know any health effects that come from eating Aflatoxin? ***Record all responses mentioned*** ***Do not make suggestions***	1= Stomach Pain 2=Diarrhea 3=Lung problems 4=Jaundice 5=Liver failure 6=Cancer 7=Death 8=Stunting 9=Increases vulnerability to disease generally 99=Does not know any 96=Other specify	
K.5	Do you know ways to prevent Aflatoxin from affecting your maize? ***Record all responses mentioned*** ***Do not make suggestions***	1=Drying maize well before storage 2=Drying maize off the bare ground 3=Storing the maize off the ground 4=Checking stores regularly for molds 5=Treat maize with fungicide before storage 6=Treatment of storage area before storage 7=Does not know 8=Use of bio control/ Aflasafe 96=Other specify	
K.6	Did you take any measures to prevent Aflatoxin from affecting your maize ***Record all responses mentioned*** ***Do not make suggestions***	1=Drying maize well before storage 2=Drying maize off the bare ground 3=Storing the maize off the ground 4=Checking stores regularly for molds 5=Treat maize with fungicide before storage 6=Treatment of storage area before storage 7=Does not know 8= Harvesting maize when it is fully mature 9=Use of bio control/ Aflasafe 96=Other specify	

K.7	Have you ever heard of Aflasafe:	1-Yes 0-No –> Skip to K.10	
K.8	Have you ever used Aflasafe	1-Yes 0-No	
K.9	Have you been given or promised Aflasafe to use this season?	1-Yes 0-No	
K.10	With how many people in your village do you discuss agriculture issues and information on new technologies?		
K.11	With how many people in other villages do you discuss agriculture issues and information on new technologies?		

Section L: Money-back Guarantee:

	Question	**Code**	
L.1	Have you ever heard of a money back or replacement guarantee for something you buy?	1-Yes 0:No	
L.2	Have you ever heard about crop, insurance livestock insurance, or weather insurance?	1-Yes 0:No → Skip to N1	
L.3	Have you ever purchased or been given weather related insurance?	1-Yes 0:No→ Skip to N1	
L.4	Have you ever received a payout from weather related insurance?	1-Yes 0:No	

Section N: Group membership and participation

The respondent might be a member of several groups. We are referring to the group selected for this study.

	Question	**Code**	
N.1	Do you currently hold a leadership position in <FARMER GROUP NAME>?	1-Yes 0-No	
N.2	Generally speaking, how often do you attend group meetings (read options)	1-Never attend 2-Attend sometimes (up to half of the time) 3-Attend most of the time 4-Always attend	
N.3	Generally speaking,approximately how many people attend each group meeting of <FARMER GROUP NAME>?		

N.4	How many group activities do you participate in? ***These are the main functions of the group e.g. merry go round or tree planting AND NOT MERE ATTENDANCE OF GROUP MEETIINGS***	1=None, do not generally participate in group activities 2=Participate in some group activities 3=Participate in most or all group activities	
N.5	Imagine you want to send 10 tomato seedlings to a relative in another village but you are not able to go yourself. Think of a member of your group who is not a close friend. This person will be going to the village of your relative and you could ask them to take the seedlings for you. The seedlings are fragile – if treated carefully, all of them will survive the journey, but if treated carelessly, some may die. Also, if the person you ask to transport them is dishonest, he or she could take some for their own use and tell you they died along the way. Without knowing who in the group will travel, would you trust this person to take your tomato plants?	1 - Yes 0 - No 99 – not sure	
N.6	How many people are in your group, in total, not including yourself?		
N.7	Of all these [RESPONSE TO N.6] people, how many would you believe in this situation?		
N.8	Generally speaking, do you think that the group leadership can be can be trusted with financial matters?	1 - Yes 0 - No 3 - Some leaders I trust, some I do not	

Section P: Risk preferences and trust

1) Please indicate whether you agree or disagree with the following statements:
   - **1 = completely agree**
   - **2 = mostly agree**
   - **3 = neither agree nor disagree**
   - **4 = mostly disagree**
   - **5 = completely disagree**

A	When someone does you a favor, you are always willing to return it	
B	If you are treated unjustly, you will take revenge even if there is a cost of doing so	
C	If someone treats others unfairly, you are willing to punish them even if there is a cost of doing so	
D	People generally have the best intentions	
E	You are a person who is generally willing to take risks	
F	Spending money on a new agricultural technology is usually too risky	
G	You put your trust in God and don't worry about bad things that might happen.	

2) Please imagine the following situation: You can choose between a sure payment of a particular amount of money, or a draw, where you would have an equal chance of getting some money or getting nothing (50/50 chance). We will present to you different situations.

(Please illustrate what 50/50 chance means by giving an example with tossing a coin.
You can get the money for sure and avoid tossing the coin. Or if you choose to toss the coin, and if it is tail, you win but if it is head you lose.

	Question	**Response**	**Skip**
1	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 160 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to Q.17 if 2, Q2
2	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 80 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 10 If 2 Qn 3
3.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 40 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 Qn 4 If 2 Skip to Qn 7
4.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 60 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1, Qn 5 If 2 skip to Qn 6
5	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 70 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 **END** If 2 **END**
6.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 50 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END

7.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 20 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 Qn 8 If 2 skip to 9
8.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 30 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
9.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 10 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
10.	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 120 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 14 If 2 skip to 11
11	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 100 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 13 If 2 Qn 12
12	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 90 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
13	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 110 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END

14	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 140 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 15 If 2 skip to 16
15	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 150 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
16	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 130 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
17	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 240 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 25 If 2, QN18
18	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 200 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 22 If 2, next
19	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 180 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1,next If 2 skip to 21
20	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 190 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END

21	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 170 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
22	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 220 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1, next If 2 skip to 24
23	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 230 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
24	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 210 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
25	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 280 as a sure payment? ? 1=50 /50 chance 2=Sure amount	[.....]	If 1, next If 2 skip to 29
26	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 260 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1, next If 2 skip to 28
27	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 270 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END

28	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 250 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
29	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 300 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 skip to 31 If 2, next
30	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 290 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END
31	What would you prefer: a 50/50 chance of winning KES 300, so if we toss a coin and get heads, you get 300 and if it is tails you get 0, or the amount of KES 310 as a sure payment? 1=50 /50 chance 2=Sure amount	[.....]	If 1 END If 2 END

Section Q: **Observations of the enumerator. Do not read the following questions. Simply record your impressions!**

	Question	Codes
Q.1	Ending time	HH MIN [……]
Q.2	How would you judge the respondent's understanding of the questions during the survey?	[……..] Displayed no problems=1 Displayed a little problem=2 Displayed moderate difficulty=3 Displayed serious problems=4
Q.3	How did the thought process of the respondent appear to you during the survey?	[……] Logical and sensible=1 Somewhat unclear=2 Unclear, insensible=3 Totally disoriented=4