MANUAL III.B

NATIONAL SOCIO-ECONOMIC SURVEY

1998

SUPERVISOR MODULE

MANUAL

Central Bureau of Statistics,
Jakarta - Indonesia

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I. PREFACE

The information that is on time and reliable is needed for designing development programs. Susenas data is a source that is used to design development programs where the quality of the data has to be increased, by paying extra attention on the implementation of the survey in order that there are no deviation. Extra care when conducting the Susenas 1998 is needed due to:

1. Mostly the officers of Susenas 1998 are hired workers that are relatively young and inexperienced compared to the sub-regency oficers, help/guidance of supervisor is needed during data collection in the field.
2. Information collected will be gathered to visualize the social economic situation at the Regency/municipality level. The mistake usually made during enumeration is when collecting documents are incomplete that may cause the unreliability on the situation of an area.
3. Based on experience when processing the Susenas data, a large number of mistakes are easier corrected in the field. With help from a supervisor, various mistakes found during processing may be decreased.

In Susenas 1998 starting from being acquainted with the location (selected segment groups) till the household enumeration is under the supervision for a Supervisor. Supervisors also check the documents on the enumeration outcome, who are the staff of the regional/municipality Statistic Office or officers appointed.

The survey on Iodized Household Salt Consumption is integrated into the Susenas 1998 with samples from selected households of Susenas Enumeration survey on the Iodized Household Salt Consumption Survey is conducted by the core supervisor. The enumerator and supervisor of Susenas hopefully can conduct their work, in order to collect more accurate data.

This book is used as a guide for the module supervisor/investigator when conducting their duties, specifically when checking the lists.

II. PROCEDURES ON SUPERVISION

The Supervisor/Investigator's assignments

In general the assignments of supervisor/investigator are as follows:

1. Follow the assigned training

2. Prepare the work plans on supervision and investigation. Pay extra attention on supervising and investigating on the work of enumerators that are weak and inexperienced.

3. Distribute the documents needed based on the type and number to the enumerators and collect back all of the lists that has been filled in by the enumerators.

4. Ask for the VSEN98.DSRT List that has been created by the core supervisor of Susenas 1998 and submit it to the module enumerator, until the enumerator can conduct the enumeration of households.

5. Together with the enumerator, familiarize the enumerator's assignment area in the enumeration areas and selected segment groups in order that the enumerator could conduct enumeration in the assigned area based on the enumeration areas' boundaries and the correct segment group.

6. Supervise whether the enumerator has actually conducted their job in the assigned segment groups.

7. Check the correctness of lists used specifically the consistency and its completeness. If the contents are incomplete, inconsistent, or doubtful, ask the enumerator to correct it, if not conduct a new enumeration again.

8. Submit the lists that has been filled in and checked by the head of regency/municipality Statistic Office.

9. Conduct all assignments based on schedule

III. METHODOLOGY

A. Sample Outline

1. Selecting Enumeration Area

The outline sample used in selecting the core enumeration area Susenas 1998 in the urban and rural areas are the Selected Enumeration Area List Susenas 1996 and Susenas 1997. The Susenas 1998 sample is a sub sample from enumeration area Susenas 1996 and Susenas 1997. Fifty percent of the selected enumeration area Susenas 1998 is taken from selected enumeration areas Susenas 1996 and the remaining fifty percent is taken from selected enumeration areas Susenas 1997. The selection of enumeration areas from each outline sample is conducted systematically and independent.

The sample outline for selecting core enumeration areas in the rural and urban areas Susenas 1996 and the rural area Susenas 1997 is the KCI (Kerangka Contoh Induk = Main Outline Example) that is divided into KCI 1 and KCI 2 in each Regency/municipality. The outline sample for selecting the enumeration area in the urban area Susenas 1997 is the list of the whole enumeration area urban area. The enumeration areas in KCI 1 and KCI 2 is selected from the population enumeration areas that are in the Village Master File (MFD) with the probability proportional to size (pps), with the size of number of households in the enumeration areas.

The Enumeration Area List/Selected Segment Groups Susenas 1998 is used as an outline sample for selecting enumeration areas/segment group module Susenas 1998. The enumeration area sample module Susenas 1998 is the subsample from the enumeration area Susenas 1998. The enumeration areas/selected segment group for this module is namely enumeration area/segment area core-module due to selected as a module is also selected for the core. Enumeration area/segment group that is not selected as module Susenas 1998 is namely enumeration area/segment group core. The Module Susenas 1998 that will be selected from enumeration areas/segment group core module are the modules for education, housing and module for health and nutrition.

2. Segment Groups Selection

The outline sample used is the segment group list from each selected enumeration area formed by the core supervisor under the guidance of a National Instructor (Innas) during the training of field officers Susenas 1998. The formation of segment groups at the urban area is based on the number of household listing from the Economy Census 1996 (SE96) SE96-L1 List. The rural areas use the number of household listing from the Population Census 1990 (SP90).

3. Household Selection

The household selection in the selected enumeration area core and core-module, the sample outline used are the household list which is used based on the group of household expenditures, that is obtained from the listing outcome in each selected segment group.

B. Formation and Selection of Segment Groups

Formation and selection of segment groups is conducted by the core supervisor Susenas 1998, under the guidance of the instructor during the training in class using the VSEN98.LK List.

C. Household Sample Selection

Household Module

The selected households for module education, housing and settlement, health and nutrition are similar to the selected household core located in the segment group/enumeration area core module. The sample selection for the selected household core and module is conducted by the core supervisor, so the module supervisor does not select household samples for the education, housing and settlement, health and nutrition. This means that each selected household core that is located at the enumeration area core-module will be enumerated with VSEN98.K List, VSEN98.MKG and VSEN98.MPP. The supervisor/module enumeration will receive the VSEN98.DSRT List that contains the name of selected head of the household written by the core supervisor.

The flows of selecting sample Susenas 1998, see Picture 1.

D. Selected Household Sample (VSEN98.DSRT)

VSEN98.DSRT is a document reference that contains selected household list. VSEN98.DSRT is formed by the core supervisor in 2 copies for core enumerators, and the supervisor module that is given to the enumerator module. One of the lists is sent to BPS.

E. Procedures in Replacing Samples

1. Procedures on replacing the selected Segment Groups

   a. If the selected enumeration areas are not available due to natural disaster or other reasons that causes the selected enumeration area deserted, the supervisor has to report to the local statistic office. The local statistic office has to report to BPS, c/o P2M Bureau with the carbon copy to the Statistic Welfare Bureau.

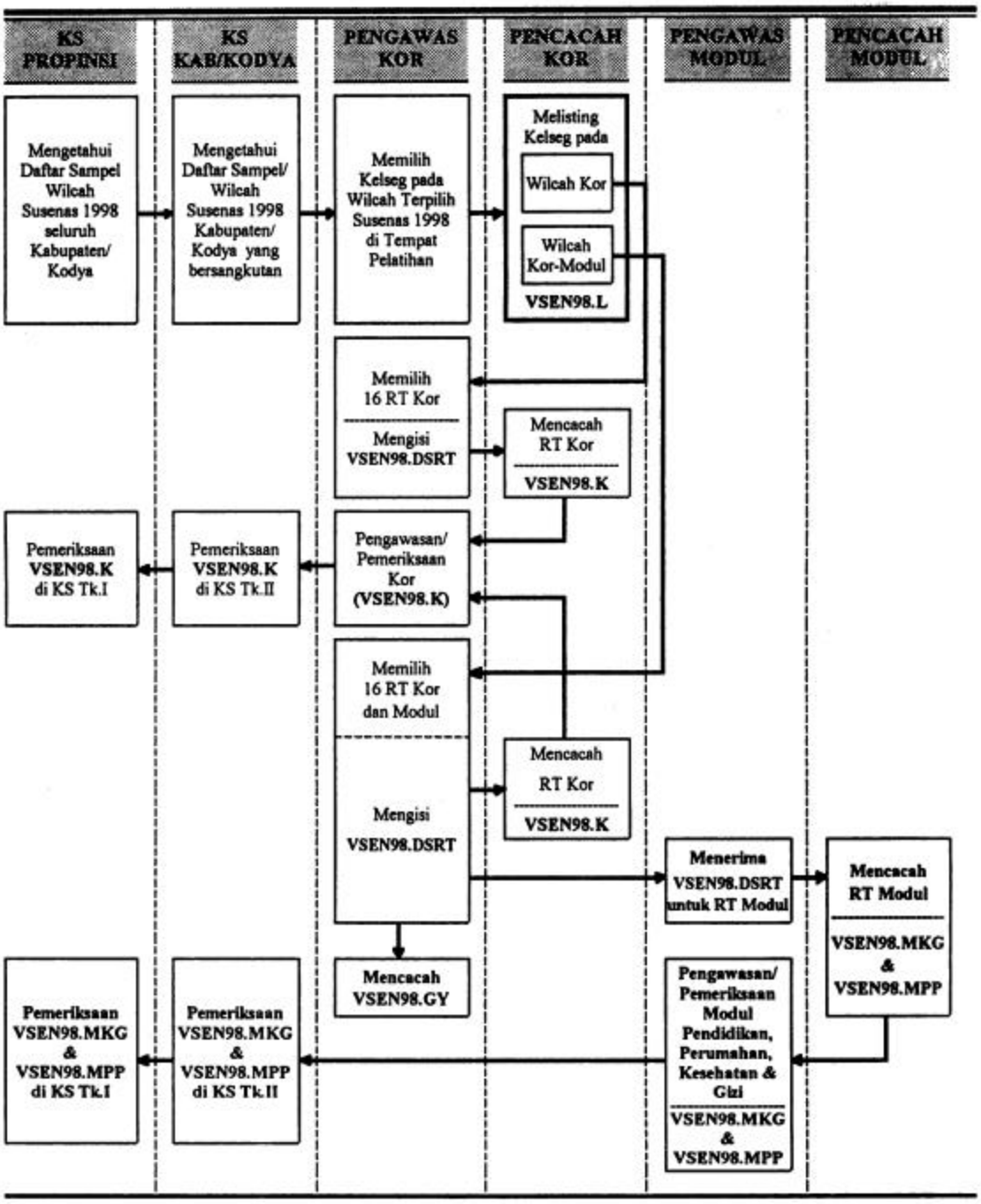
   b. If the selected segment group is demolished for a road or other reasons that causes the selected segment groups has no people, the supervisor has to report to the regency/municipality statistic office to replace the segment group that was formed during the supervisor training. The replaced segment has to be located in the selected enumeration Susenas 1998. The replaced selected segment group has to be reported to BPS (c/o P2M Bureau) by the statistic office.

2. Procedures on replacing the selected Households

   If the selected household is not mentioned in the VSEN98.DSRT List, due to one or other reasons cannot be found (example has moved), the household has to be replaced with the next household or the previous in VSEN98.L. Note that the replaced household has to have similar expenditures with the household being replaced (has an ✓in the same column as Block IV, VSEN98.L List). The replacement and change of selected household has to be recorded in the VSEN98.DSRT.

Gambar 1

ALUR PEMILIHAN SAMPEL, DAFTAR YANG DIGUNAKAN, DAN PELAKSANA SUSENAS 1998



IV. PROCEDURES ON CHECKING THE LIST

The supervisor/investigator module has to check the reliability by checking the VSEN98.MKG and VSEN98.MPP as the outcome of enumeration module. The supervisor/investigator has to understand the mistakes in the list, specifically the consistency and the completeness or will cause the enumeration has to be repeated.

Check if each selected segment group core-module the number of VSEN98.MKG List and VSEN98.MPP List, the number of selected household recorded in VSEN98.DSRT List.

A. VSEN98.MKG: Characteristics on Health and Nutrition

Block I: Identification of Location

Question 1 till 9:
Observe the codes written in the boxes of Question 1 till 9. Are the contents appropriate to VSEN98.DSRT List. Correct the contents if not appropriate.

Question 10: Serial Number of Household Samples
The contents have to be the same as in Column 1, Block IV, VSEN98.DSRT List.

Question 11: Classification of Village
Editors will fill in the codes.

Block II: Household Characteristics

Question 1: Name of Head of the Household
The contents has to be the same as the name of head of the household which is in Column 6, Block 6, Block IV, VSEN98.DSRT and has to be the same as the contents in Column 2, serial number 01, Block IV, VSEN98.MKG List, except if noted.

Question 2: Number of Household Members
The contents have to be the same as the last serial number in Column 1, Block IV, VSEN98.MKG where Column 2 is filled in.

Question 3: Number of Household Members Aged 0 – 59 years
The contents has to be the same as the number row in Column 5, Block IV filled in $\leq$5 years and column 6, Block IV is filled in.

Question 4: Number of Outpatient Household Members in the past month.
The contents are to be the same as the number of codes numbers 1 in Column 8, Block IV that is filled in.

Question 5: Number of Inpatient Household Members in the past twelve months.
The contents are to be the same as the number of codes numbers 1 in Column 9, Block IV that is filled in.

Block III: Characteristics of Enumeration

Check if the enumerator has written the name and identity in the provided place. Write the name and identity of the supervisor/investigator and add the supervisor's signature as a sign that the supervisor has checked and is responsible for the contents of the document.

Block IV: Characteristics of Household Members

a. Check the contents of Column 1 – 5 and 7, are the contents the same as the contents in Column 1 – 6, Block IVA, VSEN98.K List, if not ask the enumerator.
b. Check the sequence of all selected household members after written based on the guidance:

- If Column 3 is coded 1 (head of the household), then contents in Column 5 has to be $\geq$10.
- If Column 3 is coded 2 (wife/husband) or Code 4 (in-laws), then the contents of Column 7 has to be coded 2 (married), and fill in Column 5 has to be $\geq$10 years.
- If Column 3 is coded 6 (parents/in-laws) then the contents of Column 5 has to be $\geq$20.

c. Check if the contents of Column 8 are appropriate with the Questions 4 Block V. The contents of Column 8 have to be the same as the contents in Question 4, Block V, VSEN98.MKG..
d. Check if the contents in Column 9 are the same as the contents in Question 9, Block V, VSEN98.MKG.
e. Column 6 has to be filled in if Column 5 $\leq$4 years. Also check Question 12 till Question 14, Block V has to be filled in. The maximum Column 6 is 59.

Block V: Health Characteristics of Household Members

Check if the name and the household member serial number is appropriate to Column 2 and Column 1 Block IV, VSEN98.MKG List.

a. Check if the number of pages in Block V which are filled in are the same as the number of household members that are recorded in Question 2, Block II, or the same as the last serial number in Column 1, Block IV that has been filled in.
b. Check if the name and serial number is written are based on the serial number based on Column 2 and Column 1 Block IV.
c. Check if the contents in Question 1 are coded 1 (Yes) and Question 5a, Block V, VSEN98.K List is coded 2 then ask the enumerator on the reliability of the contents. If Question 1 is coded 1, then Question 2 has to be filled in.
d. Check if the contents in Question 2, is it the same as the contents in the dotted lines. Also check if the consistency in Question 20, Column 2, Block IX, VSEN98K List. The contents in Question 2 have to be smaller or similar to Question 20, Column 2, Block IX, and VSEN98.K List.
e. Check if all boxes in Question 3 is filled in with Code 1 or Code 0.
f. Check the consistency of the contents in Question 4 with Question 6a, Block V, VSEN98K List. If Question 6a, Block V, VSEN98K List is code 1 then Question 4, Block V, VSEN98MKG List has to be coded 1. If not ask the enumerator.
g. If Question 4 is coded 1, Question 5 and 6 has to be filled in.
h. Check if the contents in Question 5a till j. All of the Questions have to be coded 1 or 0 and at least one box is coded 1.
i. Check if the contents in Question 6 and Question 6b, Block V, VSEN98K List. If Question 6b Block V VSEN98K List has at least 1 box filled in, then in Question 6 Block V, the VSEN98.MKG has to be filled in with the similar service. The contents in Column 2 has to be $\geq$ Column 3. Also check the contents of Column 3, Question 6 has to be smaller or similar to the contents in Question 20, Column 2, Block IX, VSEN98K List.
j. If Question 5a is coded 1 then Question 6 Column 3 has to be filled in
k. If Question 5b till j occurs Code 1 then the contents in Question 6 Column 2 has to be larger than the contents Column 3.
l. If one of Question 7 a till j are $\neq$ 0 then Question 8 has to be filled in. The contents in Question 8 have to be smaller or similar to Question 20, Column 2, Block IX, VSEN98.K List.
m. Question 9 has to be filled in with Code 1 or Code 2. If Question 9 is coded 1, then Question 10 and 11 has to be filled in.
n. If a household member has been an in-patient (Question 9 = 1), then Question 11 minimal has one type of service has to be filled in from Column 2 till 5. The contents in Column 4 $\leq$ Column 3. The number of contents in Column 4, Question 11 has to be smaller or similar with the contents in Question 20, Column 3, Block IX, VSEN98K List.

Only for Children Aged 0 – 59 Months Old

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o. Check if Question 12 till 14 is filled in for household members aged 0 – 59 months
p. If Question 13a and 13b has to be filled in if Question 12 $\neq$ 0. Question 14a and 14b has to be filled in, if not has to be asked to the enumerator and the enumerator has to do the weighing.

Only for Children aged Over 1 Year

q. Question 15 till 18 is filled in if Column 5, Block IV is filled in ≥ 1
r. If Question 17 is coded 1, then Question 18 has to be filled in
s. If Question 17 is coded 2, then Question 18 is empty and Question 19 is filled in if the age of the household member is more than 15 years.
t. The contents in Question 18 are the total of circled codes. Check if the total written in the box is appropriate to the number of circled codes.

Only for Children Aged Over 15 Years

u. Question 19 and 20 has to be filled in for household members in Column 5 Block IV is filled in ≥15.

Only for those Aged Over 30 Years Old

v. Question 21 has to be filled in for household members in Column 5 Block IV is filled in ≥30. If Question 21 is coded 2 the questioning is completed for male, continue to Block VI.
w. Question 22 is filled in if Question 21 is Coded 1.

Only for Women Aged Over 30 Years Old

x. Check if Question 23 till 26 is filled in for household members where Block IV Column 4 is coded 2 and Column 5 is coded ≥30.
y. Question 24 and 25 has to be filled in if Question 23 is coded 1. If Question 25 is coded 2, Question 26 is not filed in, continue to Block VI.
z. Question 26 is filled if Question 25 is coded 1 and Column 7, Block IV is coded 2,3 or 4.

The question flow of Question 1 till Question 26 Block V can be seen in Picture 1.

Block VI. The Eating Pattern of Households during the Last Month

Block VI has to be filled in for all selected households.

Check if the serial number contents 1 – 34 Column 3 is filled in with code 1 till 5 and is appropriate with the condition of the area. Block VI not all is allowed to be coded 5.

B. VSEN98.MPP: Characteristics of Education, Housing and Settlement

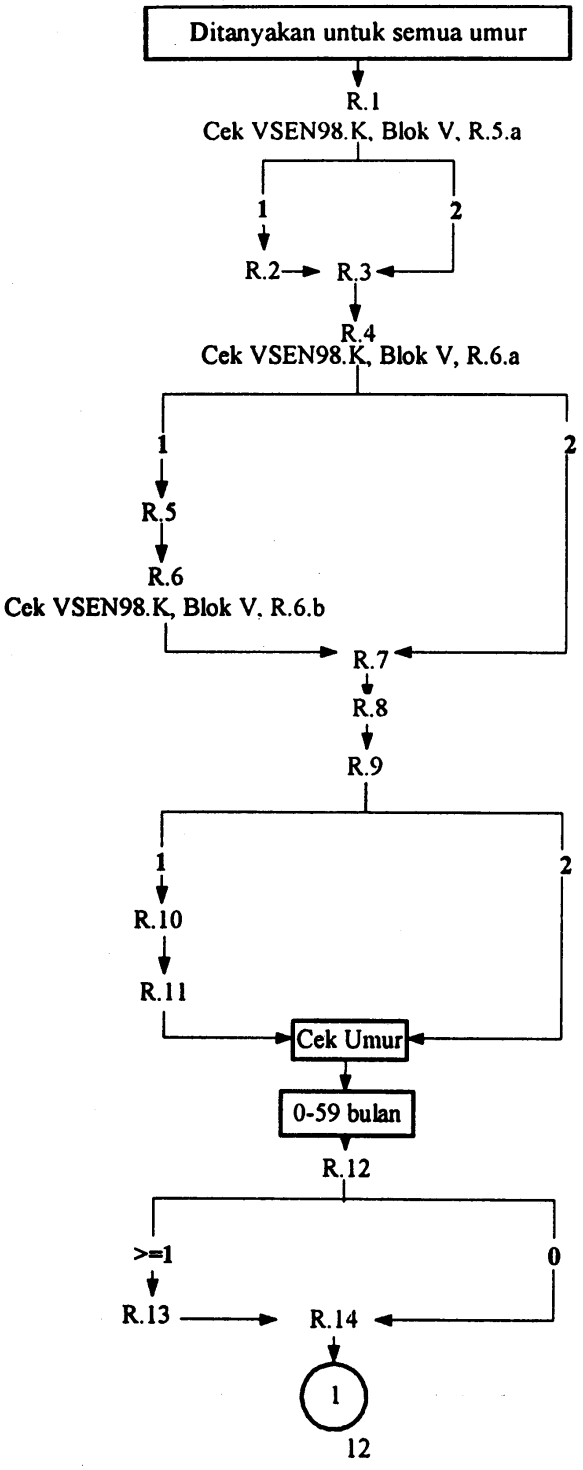
The elaboration of the checking list for Block I can be observed in the VSEN98.MKG List.

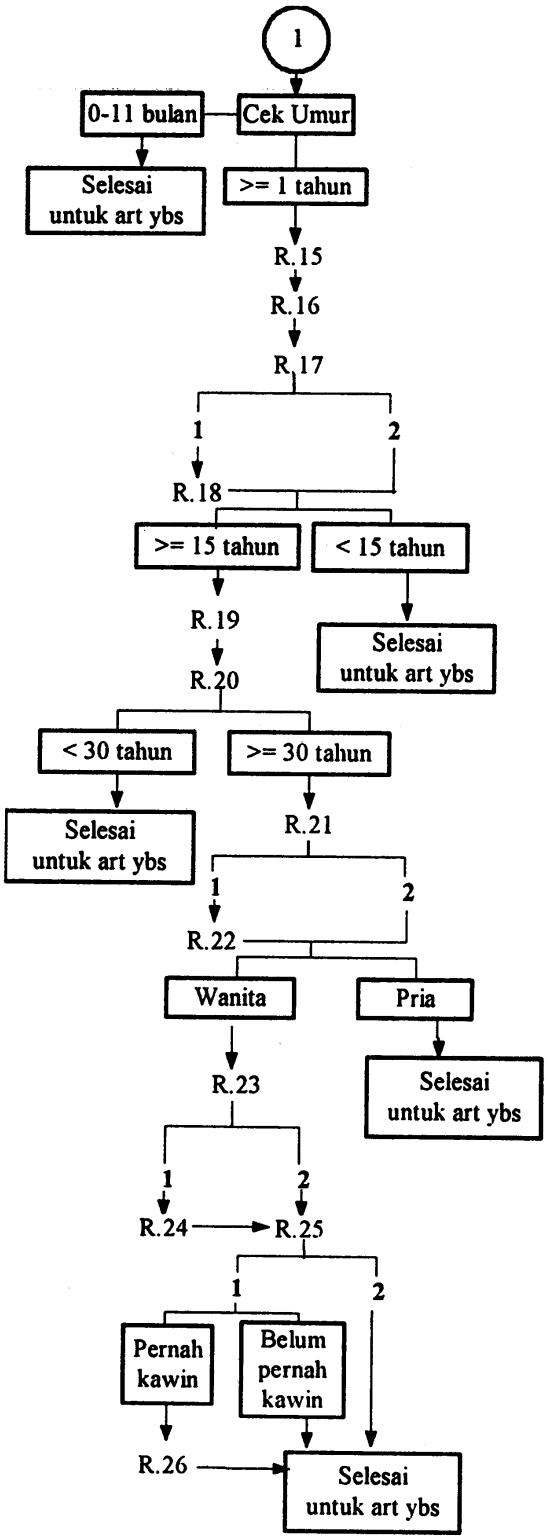
Block II: Characteristics of Household

Question 1: Name of Head of the Households

The contents are the same as the name of head of the households written in VSEN98.DSRT List and has to be similar to Column 2, serial number 1, Block IV, VSEN98.MPP List. Names of head of the household have to be the same as the name of household members in VSEN98.MKG List.

(Bagan 1)
BAGAN ALIR PERTANYAAN
R.1 s.d R.26, BLOK V, VSEN98.MKG




1
0-11 bulan
Cek Umur
Selesai untuk art ybs
>= 1 tahun
R.15
R.16
R.17
1
2
R.18
>= 15 tahun
< 15 tahun
R.19
Selesai untuk art ybs
R.20
< 30 tahun
>= 30 tahun
Selesai untuk art ybs
R.21
1
2
R.22
Wanita
Pria
R.23
Selesai untuk art ybs
1
2
R.24
R.25
1
2
Pernah kawin
Belum pernah kawin
R.26
Selesai untuk art ybs

Question 2: Number of Household Members

The contents are the same as the last serial number in Column 1, Block IV, VSEN98.MPP List where Column 2 is filled in. The number of household members has to be the same as the number of household members in VSEN98.MKG List and VSEN98K.

Question 3: Number of Household Members Aged 3 – 7 Years that Participated in Nursery School/*BA/RA*.

The contents have to be the same as the number of Code 1 in Column 6, Block IV.

Question 4: Number of Household Members Aged 5 – 39 Years that Attended School

The contents have to be the same as the number of contents that are Coded 1 in Column 7, Block IV.

Block III. Characteristics of Enumeration

Check if the enumerator has written the name and identity in the provided place. Write the name and identity of the supervisor/investigator and add the supervisor's signature as a sign that the supervisor has checked and is responsible for the contents of the document.

Block IV: Characteristics of Household Members

a. Check the contents of Column 1 – 5, are the contents the same as in Column 1 – 5, Block IVA, VSEN98.K List, and if the contents in Column 1 till 5, Block IV, VSEN98.MKG List.
b. Check if the contents in Column 6 and 7 are the same as the age in Column 5.
c. Check if Column 8 is filled in for each household member. Column 9 is left empty, the editors will be fill in the coding during processing.

Block V: Education and Activities of Household Members Aged 5 – 39

Check if the name and serial number of household members are appropriate to Column 2 and Column 1 Block IV, VSEN98.MPP List where Column 5 is filled in 05 till 39.

a. Check Question 1 is it appropriate to Question 14, Block V, VSEN98.K List.
b. If Question 1 is coded 1 (not/not yet attended school) then Question 2 till 4 is empty.
c. If Question 1 is coded 2 (currently in school), then one of the Questions of 2b till 2e has to be coded 00 in Column 3 (K3). The contents in box Column 2 (K2) in the next level is empty.
d. If Question 1 is coded 3 (no longer in school), the contents in Column 3 (K3) Question 2a till e has to be ≠ 00.
e. If household members has never attended Nursery School, then in Column 1 (K1) in Question2 a is coded 8, the box in Column 2 and 3 is left empty.
f. Check if the consistency between Question 1 and Question 2 is correct. The difference between the contents in Column 2 and Column 3 has to be appropriate to the duration of attending school based on the level. The household member duration of attending school may be less than what is appropriate (maximum 1 year).
g. Question 3 is filled in if Question 1 = 3 (no longer in school)
h. Question 4 is filled in if Question 1 = 2 (attending school)
i. Question 5 always has to be filled in. Check if the contents in the box is appropriate to the codes
j. Check the contents of Question 6a, is it appropriate to the circled codes.
k. If Question 6a is coded 1, then Question 6b has minimally one box in Column "has" ("pernah" = P) that is coded 1. If Question 6a is coded 2, then in Question 6b occurs minimally 1 box in Column "currently" ("sedang" = S) that is coded 1. If Question 6a is coded 0, then Question 6b and Question 7 is not filled in.
l. If in Question 6b there is minimally one box in Column "currently" (S) that is filled in Code 1, then Question 7 has to be filled in. Check if the contents in the box are filled in with thousand rupiahs (000 Rp).

m. If the household members do not/ has never been to school (D1 = 1) and D.6a is coded 1 or 2, then the box in Column P or S in Question 6b, just fill in household, services, specific etc.
n. Question 8 has to be filled in.
o. If D.1 = 2 D2b, Column 3 = 00 then R9 has to be filled in.

Specifically for Children Aged 5 – 9 Year Old

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p. Check if the number of pages in Block V for filled in Question 10 till 16, are the same as the number of household members in Column 5 Block IV, VSEN98,MPP is filled 05 – 09.
q. Question 10a activity 1 till 5 one of more has to be coded 1.
r. If Question 10b is coded 1, Question 11 and 12 is empty
If Question 10b is coded 2 – 5 Question 11 has to be filled in.
s. If Question 11 is coded 1, Question 12 has to be empty
If Question 11 is coded 2, Question 12 has to be filled in
t. If Question 12 is coded 1, Question 13 till 16 has to be filled in
If Question 12 is coded 2, Question 13 till 16 is empty
u. Check if the contents in the type of main work in Question 14 is complete and clear. If the contents are incomplete/not clear ask the enumerator.

The flow of questions of Q.1 till Q.15 Block V can be followed in Chart 2.

Block VI. Education Expenditures of Household Members Aged 5 – 39 Years that are still attending School

Check if the number of pages in Block VI which are filled in are the same as the number of household members that are recorded in Block IV, VSEN98.MPP where Column 5 is 5-39 and the contents of Column 7 is 1 (still attending school). Also check the contents in Question 14, Block V, VSEN98.K List is coded 2.

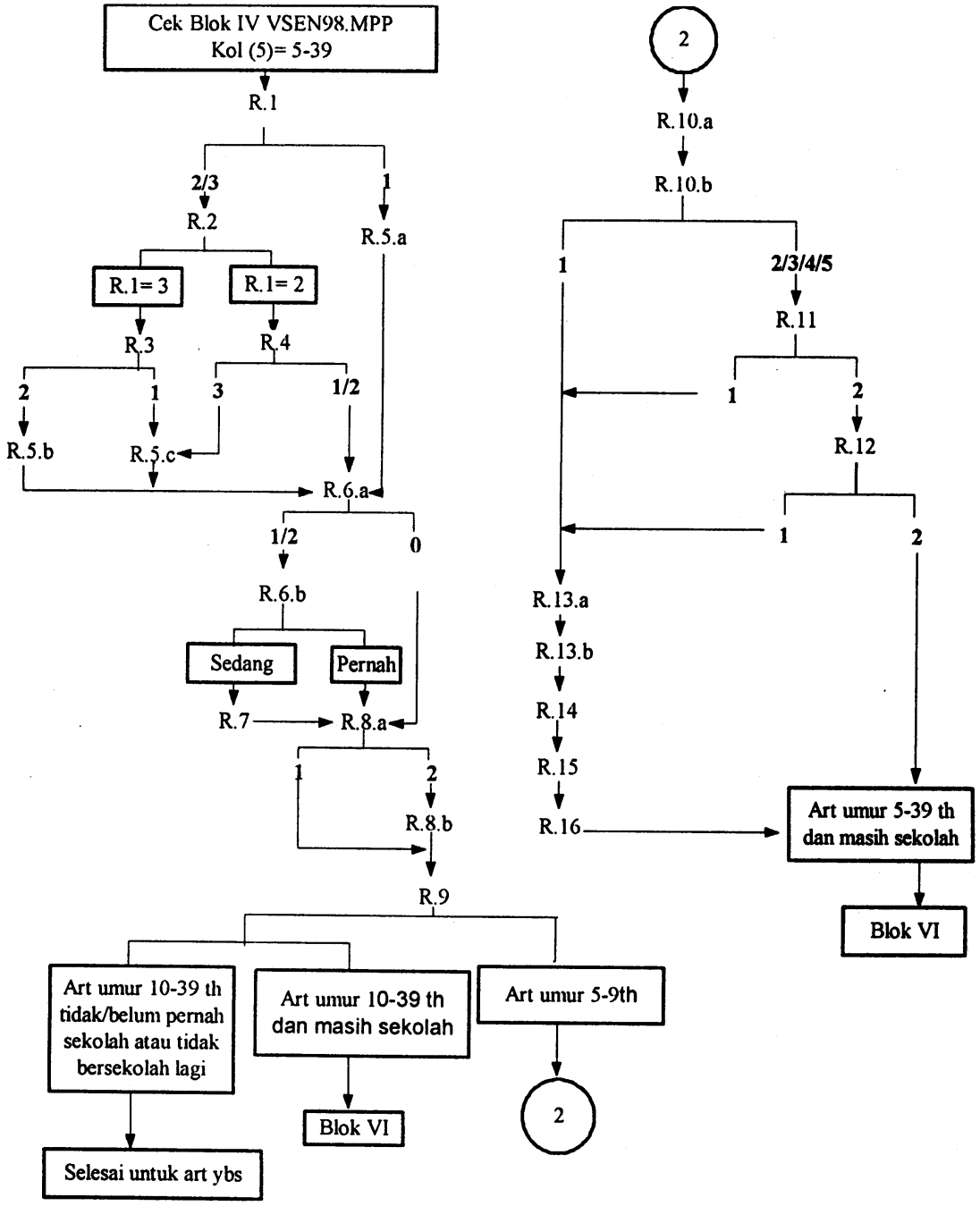
a. The contents in Question 1 are not allowed to be more than one choice. If there are 2 levels of education circled, then select the largest /check Question 15a, Block V, VSEN98.K.
b. Question 2 will be filled in if household members above the Secondary School and equivalent (Question 1 is coded 07 till 14.Check if the answer in Question 2 is written completely to ease the coding process in the editing and coding by the editor.
c. Check the contents in box Question 3a and 3b, either it is appropriate with what is written in the dotted lines. The contents are in km.
If the nearest distance is $\geq$99.8 km then the contents in the box | 9 | 9 | | 8 |

If the duration of trip is >98 minutes then fill in the box : | 9 | 8 |

Respondent is registered in an Open University, the contents in Question 3.a = 99.9 and Question 3b = 99.

d. Question 4 till 6 have to be filled in. Specifically those who are registered in the Open University the content of Question 4 is coded 9.
e. Question 4 refers to Question 3.

(Bagan 2)
BAGAN ALIR PERTANYAAN
R.1 s.d R.15 BLOK V VSEN98.MPP



Question 7 till 10, only for Elementary, Secondary, and High/Vocational School

f. Question 7 till 10 is filled in if household members attend school from the level of Elementary, Secondary, High/Vocational School, Question 7 till 10 has to be empty.

g. If household members do not study beyond the school hours during a week ago (Q.7a=2), then Question 7b. 7c and 9 is empty.

h. If household members study with the help of a tutor (Q.7c=1), Question 8a and 8b has to be filled in.

i. Check if the contents in the box in Question 9b are appropriate with what is written in the dotted lines. If the average duration of studying is $\geq$ 8 hours fill in the box

8

j. Question 11 till 19 is filled in for all household members aged 5 – 39 years old those are still attending school.

k. The question consists of 2 columns that are Column 2 and Column 3. The contents in Column 2 are in rupiah unit and Column 3 is in thousand rupiahs. The contents of Column 3 $\geq$ the contents in Column 2 if Column 3 is filled in multiply with 1,000. If Column 3 is filled in Column 2 is not necessarily filled in. On the contrary if Column 2 is filled in then Column 3 has to be filled in (minimal the contents are the same).

l. Check the total expenses that are spent, if the contents are filled in correctly the total of Question 11 till 19 are in thousand rupiahs (Column 3).

m. Question 18 Block VI Column 2 or Column 3 could be filled in and could be empty.

See Chart 3 for the flow of questions.

Block VII: Housing and Settlement

A. CONDITION OF PHYSICAL BUILDINGS

a. Question 1b is filled in if Q.1a = 2,4 or 6
b. Check if the contents in Question 2 are in square meters unit
c. Check the relation between Q.3, Q.4 and Q5.
   c.1. If it is a brick wall (check Question 2, Block VIII, VSEN98.K) then Q.3 has to be = 1 or 2 and Q.4 has to be = 1 or 2.
   c.2. If Q.3 = 1 or 2, then Q.4 has to be = 1.
   c.3. For two storey buildings (Q.1.a = 2, 4, or 6), if Q.5 = 2, then Q.3 minimal are bricks (code 3).
   c.4. If Q.5 = 1, then Q.3 has to be = 1 and Q.4 has to = 1.

B. THE OWNERSHIP OF SETTLEMENTS

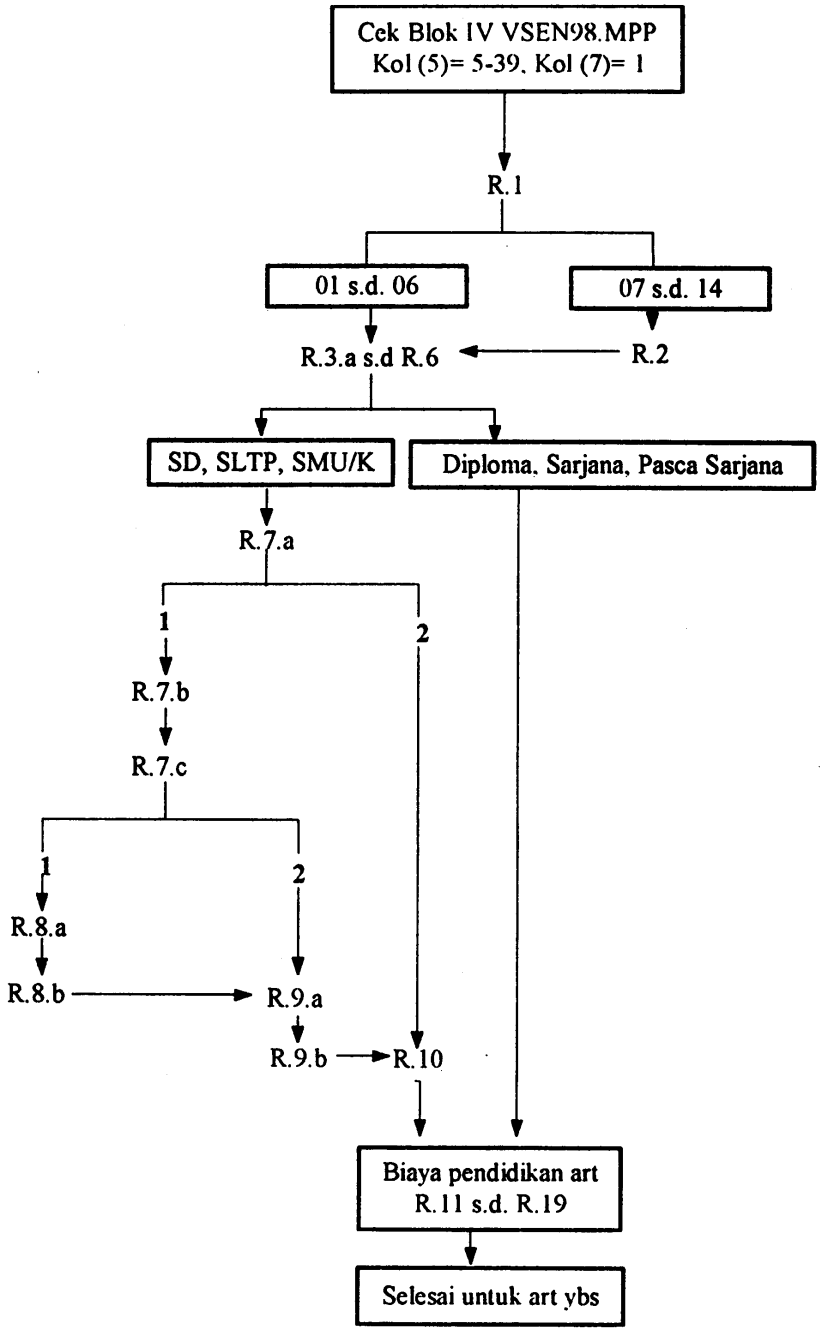
d. Check the contents in question 7 till 10 are appropriate with the circled code.
e. Question 7a. has to be filled in. If the contents in Question 7a. is not coded 1(self-owned) the Questions 7b till 10 has to be empty.
f. If Question 7b = 2 – 5, Question 8 has to be = 1.

C. UTENSILS

g. Question 11.a minimally contains 01. Check the content in the box in Question 11a is it appropriate as the contents in the dotted line. If Q.11a = 01, then Q.11b and Q.12 a – b has to be empty.
h. If Q.11a >01 then the total codes 1 in Q.11b1 till Q.11b4 has to be ≤ than the contents of Question 11a.
i. Q.12a has to be filled in minimally 1 if Q.11b is coded 1. The contents of Q.12b1, Q.12b.2, Q.12b3 and Q.12b4 has to be ≤ contents of Q 12a
j. Check if the contents in box Q.12a and Q.12b are appropriate with what is written in the provided dots. The maximum contents in this box are 8.
k. Check Question 13 and 14, are the contents in the box appropriate with the circled code.
l. Question 15.b has to be filled in if the household subscribes to electricity from the National Electricity Company (Q.15a = 1). Check with Question 9, Block VIII, VSEN98.K List. If Q.15a = 1 then Question 9, Block VIII, VSEN98.K has to be coded 1.
m. If the household has a kitchen (Q.16a = 1), then Question 16b and Q.17 has to be filled in.
n. Check if all boxes in Question 18a till 18i are filled with code 1 or 0.
o. Observe the relation of Question 16, 17 and 18. If Q.17 is filled in with Code 1, 2 or 3, then Q.18b has to be coded 1. But if Q.18b = 1, then Q.16a is not necessarily filled in with code 1.
p. Check if all boxes in question 19a till 19j are filled in with Code 1 or 0.

D. ENVIRONMENT CONDITION

q. If Question 20 is coded 2, if Question 21 till Question 23 has to be empty.
r. Question 21 will be filled in if Q.20 = 1.
s. Question 25a has to be filled in if Q.24 = 1. Question 25b has to be filled in Q.25a = 1

t. Check if the contents in Question 25b are appropriate to the number of circled codes.
u. Check the relation between Q.24 with Q26.b and Q.27. If Q.24 = 2 (does not have a yard), then Q.26b cannot be filled in with Code 3 (in the yard), and Q.27 can not be filled in with Code 1 – 3.
v. Check the contents of boxes in Question 28 till Question 30, is it appropriate with the circled codes.
w. Check all Columns 2 – 4 in Question 32, is it appropriately filled in. Also observe the relation between Column 2, Column 3 and Column 4, is it rational?

(Bagan 3)
BAGAN ALIR PERTANYAAN
R.1 s.d R.19 BLOK VI VSEN98.MPP