

k_{max} : Number of enumerated household members 10 years and over
 X_{hijk} : 0-1 variable whether k -th member of j -th household in the i -th ED in the h -th region has specific characteristics

(5) Estimating "average time spent on activities per day" and "percentage of persons engaged in the activity"

"Average time spent on activities per day" and "percentage of persons engaged in the activity" are computed by the population (or participants in activity) that is estimated by above methods.

[Average time spent on activities per day]

$$\left(\begin{array}{l} \text{Average time spent on Z - activities} \\ \text{per Y - day of participants} \\ \text{who have X - character} \end{array} \right) = \frac{\left(\begin{array}{l} \text{Ratio estimates of total} \\ \text{time spent on Z - activities} \\ \text{per Y - day of participants} \\ \text{who have X - character} \end{array} \right)}{\left(\begin{array}{l} \text{Ratio estimates of total time} \\ \text{spent per Y - day of participants} \\ \text{who have X - character} \end{array} \right)}$$

In terms of the day of the week, four kind of averages are computed namely "weekday", "Saturday", "Sunday" and "weekly average". Weekly average" is computed as a weighted average of "weekday", "Saturday" and "Sunday"

$$\text{(Weekly average)} = \frac{(\text{"weekday average"} \times 5 + \text{"Saturday"} + \text{"Sunday"})}{7}$$

[percentage of persons engaged in the activity]

$$\left(\begin{array}{l} \text{Percentage of persons engaged} \\ \text{in the Z-activity} \\ \text{who have X - character} \end{array} \right) = \frac{\left(\begin{array}{l} \text{Ratio estimates of persons engaged} \\ \text{in the Z - activity} \\ \text{who have X - character} \end{array} \right)}{\left(\begin{array}{l} \text{Ratio estimates of population} \\ \text{who have X - character} \end{array} \right)}$$

3. Standard errors of estimates

The standard errors of estimate is approximated by means of following formula, using four separate estimates made from sub-samples:

$$\hat{\sigma} = \sqrt{\frac{1}{4(4-1)} \sum_{k=1}^4 (\hat{x}_k - \hat{x})^2}$$

$\hat{\sigma}$: standard error
 \hat{x}_k : estimate from the k -th sub-sample
 \hat{x} : estimate from the entire sample

2. Questionnaire

Confidential

Designated Statistics No.114
 Statistics on Time Use and
 Leisure Activities

**1996 SURVEY ON TIME USE AND LEISURE ACTIVITIES
 QUESTIONNAIRE**

October 1, 1996
 Statistics Bureau
 Management and Coordination Agency

This questionnaire will be used only for statistical purposes. Please answer the questions to the best of your knowledge.
 Use a separate book for each of the household members aged ten or older.
 The household head is requested to answer the questions on household members under ten years old on the last page of his/her own questionnaire.
 • Unless otherwise specified, please encircle one appropriate number for each question.

To be Completed by Enumerator

Enumeration district code	Household no.	Household member no.

For Household Head only	
Number of household members 10 years old and over	Number of household members under 10 years old

For One-person Household only		
1 Living away from home for business	2 Working away from home	3 Other

- 1 -

1 Name and Sex	1 Male 2 Female
2 Relationship to the household head • Each category includes in-laws.	1. Head 2. Spouse of head 3. Son or daughter 4. Spouse of son or daughter 5. Grandson or granddaughter 6. Father or mother of head 7. Father or mother of spouse of head 8. Grandfather or grandmother 9. Brother or sister 10. Other
3 Month and year of birth	Year Month
4 Marital status • Please report the actual status regardless of the legal status.	1. Never married 2. Married 3. Widowed or divorced
5 Education • In the case of graduation, please encircle the applicable number of the kind of the last school completed. (If you did not complete the last school, choose the pre-level school you had been graduated from.)	Attending school 1. Primary school 2. Junior high school 3. High school 4. Junior college, technological college 5. College or university, including graduate school 6. Primary school, junior high school 7. High school 8. Junior college, technological college 9. College or university, including graduate school 10. Never attended school Graduated
6 Do you usually nurse a member of your family? (Please encircle all applicable numbers.) • "Nursing" means to help the handicapped or those who need other's help in daily activities such as taking meals, bathing, etc. • Exclude nursing a person of temporary illness.	1. Nursing family member (s) 65 years old or over (1) Nursing at home (2) Nursing outside home 2. Nursing family member (s) under 65 years old (3) Nursing at home (4) Nursing outside home 3. Not usually nursing Go to Question 16 on page 4 after the answer to this question for person under 15 years old.
7 Where does your son(s) or daughter(s) live? • For person 65 years or over only • Son and daughter include son-in-law and daughter-in-law. • If you have two or more children, give answer on the one who live in the nearest.	1. Living together in the same household 2. Living in the same site with the residence 3. Living in the neighborhood (within 5 minutes on foot) 4. Living in the same municipality (shi, ku, cho, son) 5. Living in other area 6. No son or daughter
8 Do you usually work? • "Work" means any work for pay or profit including work in a family business or a farm without pay, as well as home handicraft and part-time work. • "School" includes a non-regular school such as a preparatory school, a dressmaking school, etc.	1. Engaged in work 1. Mainly working 2. Working besides mainly keeping house 3. Working besides mainly attending school 2. Not engaged in work 1. Keeping house 2. Attending school 3. Other (Please go to question 16 on page 4.)

For person engaged in work only.

9 Status in employment • "Self-employed" includes a proprietor of un-incorporated business or a person working on own all. (farm, etc.) • For employees, give the name of your position in work place also. • "Worker dispatched from a dispatching service agency" means a worker prescribed in the Dispatching Service Act only. • In case of salesclerks in department stores or dispatched guards, choose the status at the employing organization.	1. Employee (1) Regular employee (2) Part-timer worker (3) "Arubaito" (4) "Shokutaku" (5) Worker dispatched from a dispatching service agency (6) Other 2. Director of company or organization 3. Self-employed with employee 4. Self-employed without employee 5. Family worker 6. Doing piecework at home
10 Kind of work • Please describe the kind of your work in detail.	
11 Number of persons engaged in the enterprise as a whole • Please give the total number of persons engaged in the enterprise including the head office, branch offices, factories, etc. • If engaged in central or local government, encircle "8".	1. 1 to 4 persons 2. 5 to 29 3. 30 to 99 4. 100 to 299 5. 300 to 499 6. 500 to 999 7. 1000 persons and over 8. Government
12 Usual working hours per week • "Working hours" include overtime and side job.	1. Under 15 hours 2. 15 to 34 hours 3. 35 to 42 4. 43 to 48 5. 49 to 59 6. 60 hours or over 7. Not fixed
13 Usual commuting hours for one way	1. Working at home 2. Under 15 minutes 3. 15 to less than 30 minutes 4. 30 to less than 45 minutes 5. 45 minutes to less than one hour 6. One to less than one and half hours 7. One and half to less than two hours 8. Two hours or over
14 Regular holidays in a week	1. One day a week 2. One and half days a week two days a week 3. Once a month 4. Twice a month 5. Three times a month 6. Every week 7. Three days or more a week 8. Other or not fixed
15 Did you take consecutive holidays in the past twelve months? (Please encircle all applicable numbers) • Did you take consecutive holidays lasting a week or more including Sundays and public holidays in the past twelve months? • Exclude sick leaves and absence from work due to funeral.	Yes 1. Christmas or new year 2. During "Golden Week" 3. In summer 4. Other 5. No

16 Sports
Please answer all questions on the right by each of the sports listed below.
(Excluding just watching sports games, and also excluding physical education in school but including club activities within or outside school.)

Did you play the sport in the past 12 months?	How many days did you play the sport in the past 12 months?	With whom did you play the sport? (Please encircle all applicable numbers)	What kind of facilities did you use? (Please encircle all applicable numbers)
1. Baseball (including playing catch)	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
2. Softball	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
3. Volleyball	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
4. Basketball	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
5. Soccer	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
6. Rugby football	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
7. Hand ball	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
8. Dodge ball	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
9. Table tennis	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
10. Tennis	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
11. Badminton	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
12. Golf (including golf practice range)	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
13. "Gate ball"	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
14. Bowling	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
15. Track and field sports	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
16. Gymnastics	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
17. Judo	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
18. Kendo	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
19. Karate, aikido	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
20. Sumo wrestling	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
21. Japanese archery	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
22. Archery	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
23. Shooting	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
24. Horse-back riding	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
25. Fishing	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
26. Swimming	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
27. Scuba diving	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
28. Yachting	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
29. Surfing, sailboarding	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
30. Hang glider, parasailing	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
31. Skiing, snowboarding	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
32. Ice skating	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
33. Roller skating, skateboarding	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
34. Mountain climbing, hiking	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
35. Field athletics	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
36. Cycling	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
37. Jogging, marathon	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
38. Taking a walk as a sport	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
39. Rope skipping	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
40. Training by gymnastic appliances	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
41. Aerobics dance, jazz dance, calisthenics	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5
42. Light gymnastics	1 2 →	1 2 3 4 5 6 7	1 2 3 4 5

If you played any other sports than those listed above, please specify.

Name of sports and number of days you played in the past 12 months.

17 Studies and researches
Please answer all questions on the right by each of the studies and researches listed below.
(Excluding those directly related to regular courses in school, or employee training courses, but including club activities within or outside school.)

Did you do the study or research in the past 12 months?	How many days did you do in the past 12 months?	How did you do the study or research? (Encircle all applicable numbers)
1. Foreign languages	1 2 →	1 2 3 4 5 6 7 8 9 10 11
2. Commerce and business	1 2 →	1 2 3 4 5 6 7 8 9 10 11
3. Engineering and technologies	1 2 →	1 2 3 4 5 6 7 8 9 10 11
4. Medicine and health studies	1 2 →	1 2 3 4 5 6 7 8 9 10 11
5. Study for cook, barber and beauty specialist	1 2 →	1 2 3 4 5 6 7 8 9 10 11
6. Home economics and housekeeping (cooking, sewing, and home management)	1 2 →	1 2 3 4 5 6 7 8 9 10 11
7. Child care and home education	1 2 →	1 2 3 4 5 6 7 8 9 10 11
8. Education and social welfare	1 2 →	1 2 3 4 5 6 7 8 9 10 11
9. Humanities and social science (history, politics, economics, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10 11
10. Natural science (mathematics, physics, biology, agriculture, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10 11
11. Art and culture	1 2 →	1 2 3 4 5 6 7 8 9 10 11
12. Current topics	1 2 →	1 2 3 4 5 6 7 8 9 10 11
13. Other	1 2 →	1 2 3 4 5 6 7 8 9 10 11

18 Social activities
Please answer all questions on the right by each type of social activities listed below.

Were you engaged the social activities in the past 12 months?	How many days did you do in the past 12 months?	Did you do the activities as an organization or otherwise? (Encircle all applicable numbers)
1. Activities for the local community and neighborhood (cleaning roads and parks, crime prevention, traffic safety, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10
2. Activities for welfare institutions (charity and caring for persons in institutions, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10
3. Activities for children, the aged or the handicapped (caring for the aged, braille translation, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10
4. Activities for people in certain areas such as disaster area and remote area (fund raising campaign, field work, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10
5. Other activities for public (blood donation, free legal consultations, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10
6. Voluntary activities as a public official (welfare officer, probation officer, administration consultant, etc.)	1 2 →	1 2 3 4 5 6 7 8 9 10

Please specify the activities in detail.

7. Other social activities (activities for the benefit of women, youth, consumers, labour union activities, etc.)

19 Hobbies and amusements Please answer all questions on the right by each of the hobbies or amusements listed below. (Excluding those related to regular courses in schools or employee training courses but including club activities within or outside school.)	Did you do the hobby or amusement in the past 12 months?		How many days did you do the hobby or amusement in the past 12 months?							With whom did you do the hobby or amusement? (Encircle all applicable numbers)						
	(1) No	(2) Yes	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
			1-4 days a year	5-9 days a year	10-19 days a year	20-29 days a year	30-39 days a year	40-49 days a year	50-99 days a year	100-199 days a year	200 days and over (4 days or more a week)	With family members)	With classmates)	With neighbours)	With friends or acquaintances)	With others)
1. Watching sports games (excluding TV PGM)	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
2. Watching works of art (")	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
3. Watching plays, vaudevilles and dances (")	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
4. Watching movies (excluding TV PGM and video)	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
5. Going to classical music concerts	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
6. Going to popular music concerts	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
7. Listening to music on records, tapes or CDs	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8. Watching movies on videocassette or LDs (excluding telerecorded)	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
9. Playing musical instruments	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
10. Traditional Japanese music (excluding the playing of musical instrument only)	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
11. Japanese folk songs	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
12. Chorus, vocal music	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
13. Japanese dancing	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
14. Westernstyle dancing or social dancing	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
15. Calligraphy	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
16. Japanese flower arrangement	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
17. Japanese Tea ceremony	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
18. Dress making, sewing	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
19. Knitting or embroidering	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
20. Cooking, or making pies, cookies as hobbies	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
21. Caring pets	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
22. Gardening	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
23. Do-it-yourself carpentry	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
24. Making dolls	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
25. Assembling plastic models	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
26. Painting or sculpture	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
27. Ceramics or handicrafts	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
28. Photographs	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
29. Making movies by video camera or 8mm camera	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
30. Writing poems, novels, "haiku", etc.	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
31. Reading books as hobbies	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
32. Collecting	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
33. Personal computer	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
34. Playing "Go"	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
35. Playing "Shogi"	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
36. Playing "Mah-jong"	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
37. Playing "Pachinko"	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
38. Playing home use video games (including use of portable game machines)	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
39. Playing video games at game centers	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
40. Singing "Karaoke"	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
41. Playing cards, etc.	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7
42. Puzzle	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7

19 Hobbies and amusements (continued)	Did you do the Hobby or amusement in the past 12 months		How many days did you do the hobby or amusement in the past 12 months?							With whom did you do the hobby or amusement do? (Encircle all applicable numbers)							
	(1) No	(2) Yes	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
			1-4 days a year	5-9 days a year	10-19 days a year	20-29 days a year	30-39 days a year	40-49 days a year	50-99 days a year	100-199 days a year	200 days and over (4 days or more a week)	With family members)	With classmates)	With neighbours)	With friends or acquaintances)	With others)	Alone
43. Billiards	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
44. Bird watching	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
45. Astronomical observation	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
46. Going to amusement parks, zoos, expos, etc.	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
47. Driving	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
48. Camping	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
49. Betting on horse race	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
50. Betting on cycle race, boat race or auto race	1	2 →	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
If you enjoyed hobbies or amusements other than those listed above, please specify.	Name of hobbies or amusements or number of days in the past 12 months.																
20 Travel and excursion Please answer all questions on the right by each type of travel and excursion listed below. Activities which have already been reported on question 16-19 should be entered again here if those activities were done during travel or excursion.	Did you do in the past 12 months?		How many times did you travel or go on a day excursion?								With whom did you do? (Encircle all applicable numbers)						
	(1) No	(2) Yes	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
			once a year	2	3	4	5	6-7	8-9	10 (times or more a year)	With family members)	With classmates)	With neighbours)	With friends or acquaintances)	With others)	Alone	
1. Day excursion (which refers to a day trip of more than half a day, including departure at night without overnight stay)	1	2 →	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
2. Travel (at least one overnight stay)																	
(1) Domestic travel																	
- Sightseeing (including travel for recreation and sporting)	1	2 →	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
- Return to the home town, visiting someone	1	2 →	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
- Business, for study, etc.	1	2 →	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
(2) Travel abroad																	
- Sightseeing (including travel for recreation and sporting)	1	2 →	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
- Business, for study, etc.	1	2 →	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7

21 Diary

(Please report the activities you did on the designated two days.)

- (1) Select the feature of this day from the categories listed below. (Please encircle all applicable categories.)
- | | | | | | | |
|--|--|--------------------------------------|-------------------------------|---------------------------|-----------------------|---------|
| 1 Travel (at least one overnight stay) | 2 Day excursion (more than half a day) | 3 Event, funeral or wedding ceremony | 4 Business or training travel | 5 Under medical treatment | 6 Vacation or holiday | 7 Other |
|--|--|--------------------------------------|-------------------------------|---------------------------|-----------------------|---------|
- (2) How was the weather on this day?
- | | | |
|------------------------|---------------------------------------|---------------|
| 1 Raining all day long | 2 Raining occasionally or temporarily | 3 Not raining |
|------------------------|---------------------------------------|---------------|

Please draw line to specify an activity and persons with you for each 15 minute interval.

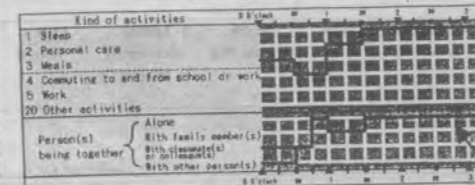
If you did more than one activities, please report on the main activity.

Kind of activities	0 6'clock 30	1 30	2 30	3 30	4 30	5 30	6 6'clock
1 Sleep							
2 Personal care							
3 Meals							
4 Commuting to and from school or work							
5 Work							
6 Schoolwork							
7 Housekeeping							
8 Nursing							
9 Child care							
10 Shopping							
11 Moving (excluding commuting)							
12 Watching TV, listening to radio, reading newspapers or magazines							
13 Rest and relaxation							
14 Studies and researches (excluding schoolwork)							
15 Hobbies and amusements							
16 Sports							
17 Social activities							
18 Social life							
19 Medical examination or treatment							
20 Other activities							
Person(s) being together							
Alone							
With family member(s)							
With classmate(s) or colleague(s)							
With other person(s)							

Afternoon

Kind of activities	0 6'clock 30	1 30	2 30	3 30	4 30	5 30	6 6'clock
1 Sleep							
2 Personal care							
3 Meals							
4 Commuting to and from school or work							
5 Work							
6 Schoolwork							
7 Housekeeping							
8 Nursing							
9 Child care							
10 Shopping							
11 Moving (excluding commuting)							
12 Watching TV, listening to radio, reading newspapers or magazines							
13 Rest and relaxation							
14 Studies and researches (excluding schoolwork)							
15 Hobbies and amusements							
16 Sports							
17 Social activities							
18 Social life							
19 Medical examination or treatment							
20 Other activities							
Person(s) being together							
Alone							
With family member(s)							
With classmate(s) or colleague(s)							
With other person(s)							

[How to draw line]



Please draw over white grooves accurately thick lines with a black pencil.

First day

Day and month

Kind of activities	6 6'clock 30	7 30	8 30	9 30	10 30	11 30	12 6'clock
1 Sleep							
2 Personal care							
3 Meals							
4 Commuting to and from school or work							
5 Work							
6 Schoolwork							
7 Housekeeping							
8 Nursing							
9 Child care							
10 Shopping							
11 Moving (excluding commuting)							
12 Watching TV, listening to radio, reading newspapers or magazines							
13 Rest and relaxation							
14 Studies and researches (excluding schoolwork)							
15 Hobbies and amusements							
16 Sports							
17 Social activities							
18 Social life							
19 Medical examination or treatment							
20 Other activities							
Person(s) being together							
Alone							
With family member(s)							
With classmate(s) or colleague(s)							
With other person(s)							

Kind of activities	6 6'clock 30	7 30	8 30	9 30	10 30	11 30	12 6'clock
1 Sleep							
2 Personal care							
3 Meals							
4 Commuting to and from school or work							
5 Work							
6 Schoolwork							
7 Housekeeping							
8 Nursing							
9 Child care							
10 Shopping							
11 Moving (excluding commuting)							
12 Watching TV, listening to radio, reading newspapers or magazines							
13 Rest and relaxation							
14 Studies and researches (excluding schoolwork)							
15 Hobbies and amusements							
16 Sports							
17 Social activities							
18 Social life							
19 Medical examination or treatment							
20 Other activities							
Person(s) being together							
Alone							
With family member(s)							
With classmate(s) or colleague(s)							
With other person(s)							

(1) Select the feature of this day from the categories listed below. (Please encircle all applicable categories.)							(2) How was the weather on this day?		
1 Travel (at least one overnight stay)	2 Day excursion (more than half a day)	3 Event, funnel or wedding ceremony	4 Business or training travel	5 Under medical treatment	6 Vacation or holiday	7 Other	1 Raining all day long	2 Raining occasionally or temporarily	3 Not raining

Morning		Kind of activities												Person(s) being together					
		0	0	1	1	2	2	3	3	4	4	5	5	6	6				
1 Sleep																			
2 Personal care																			
3 Meals																			
4 Commuting to and from school or work																			
5 Work																			
6 Schoolwork																			
7 Housekeeping																			
8 Nursing																			
9 Child care																			
10 Shopping																			
11 Moving (excluding commuting)																			
12 Watching TV, listening to radio, reading newspapers or magazines																			
13 Rest and relaxation																			
14 Studies and researches (excluding schoolwork)																			
15 Hobbies and amusements																			
16 Sports																			
17 Social activities																			
18 Social life																			
19 Medical examination or treatment																			
20 Other activities																			
Person(s) being together		Alone				With family member(s)				With classmate(s) or colleague(s)				With other person(s)					
		a				b				c				d					

Afternoon		Kind of activities												Person(s) being together					
		0	0	1	1	2	2	3	3	4	4	5	5	6	6				
1 Sleep																			
2 Personal care																			
3 Meals																			
4 Commuting to and from school or work																			
5 Work																			
6 Schoolwork																			
7 Housekeeping																			
8 Nursing																			
9 Child care																			
10 Shopping																			
11 Moving (excluding commuting)																			
12 Watching TV, listening to radio, reading newspapers or magazines																			
13 Rest and relaxation																			
14 Studies and researches (excluding schoolwork)																			
15 Hobbies and amusements																			
16 Sports																			
17 Social activities																			
18 Social life																			
19 Medical examination or treatment																			
20 Other activities																			
Person(s) being together		Alone				With family member(s)				With classmate(s) or colleague(s)				With other person(s)					
		a				b				c				d					

5. Area classification

Second day		Kind of activities												Person(s) being together					
		6	6	7	7	8	8	9	9	10	10	11	11	12	12				
1 Sleep																			
2 Personal care																			
3 Meals																			
4 Commuting to and from school or work																			
5 Work																			
6 Schoolwork																			
7 Housekeeping																			
8 Nursing																			
9 Child care																			
10 Shopping																			
11 Moving (excluding commuting)																			
12 Watching TV, listening to radio, reading newspapers or magazines																			
13 Rest and relaxation																			
14 Studies and researches (excluding schoolwork)																			
15 Hobbies and amusements																			
16 Sports																			
17 Social activities																			
18 Social life																			
19 Medical examination or treatment																			
20 Other activities																			
Person(s) being together		Alone				With family members				With classmate(s) or colleague(s)				With other persons					
		a				b				c				d					

Afternoon		Kind of activities												Person(s) being together					
		6	6	7	7	8	8	9	9	10	10	11	11	12	12				
1 Sleep																			
2 Personal care																			
3 Meals																			
4 Commuting to and from school or work																			
5 Work																			
6 Schoolwork																			
7 Housekeeping																			
8 Nursing																			
9 Child care																			
10 Shopping																			
11 Moving (excluding commuting)																			
12 Watching TV, listening to radio, reading newspapers or magazines																			
13 Rest and relaxation																			
14 Studies and researches (excluding schoolwork)																			
15 Hobbies and amusements																			
16 Sports																			
17 Social activities																			
18 Social life																			
19 Medical examination or treatment																			
20 Other activities																			
Person(s) being together		Alone				With family members				With classmate(s) or colleague(s)				With other persons					
		a				b				c				d					

Regarding Household (The following questions are only for the household head.)

22 Kind of dwelling - "Tenement" house includes terrace house and consecutive house with more than two houses connected.	1. Owner-occupied house (1) Detached house, tenement house (2) Apartment, etc. 2. Privately owned rented house (1) Detached house, tenement house (2) Apartment in a reinforced concrete building, etc. (3) Apartment in a wooden building or others 3. Publicly owned rented house (apartment) 4. Issued house (apartment) 5. Renting a room or rooms, or dormitory, etc.	
23 Number of rooms - Please exclude the entrance, kitchen, wash room, bath room, corridor, shop, office, etc. in the number of rooms. - Include "dining-kitchen room" (room for both dining and kitchen)	1. one room 2. two rooms 3. three rooms 4. four rooms 5. five rooms 6. six rooms	7. seven rooms 8. eight rooms or more
24 Do you possess car(s)? - Please exclude the car(s) used only for business.	1. Yes 2. No	
25 Annual income of the household (before tax deduction) - Please report the total annual income of all household members. - In the case of family business, report the operating profit. (sales minus business expenses)	1. Under one million yen 2. one to less than two million yen 3. two to less than three million yen 4. three to less than four million yen 5. four to less than five million yen 6. five to less than six million yen 7. six to less than seven million yen 8. seven to less than eight million yen 9. eight to less than nine million yen 10. nine to less than ten million yen 11. ten to less than fifteen million yen 12. fifteen million yen or more	
26 Absentee(s) from your household - Please report on absentees who have been (or is scheduled to be) living away from your household for three months or more for business and persons who is in hospital on the date of survey (October 1). - Encircle all applicable numbers.	(Please specify the relationship to the household head.) 1. Person living away from home for business (1) None Yes (2) Spouse (3) Father or mother, or father or mother of spouse (4) Child, or spouse of child (5) Other 2. Person in hospital (1) None Yes (2) Spouse (3) Father or mother, or father or mother of spouse (4) Child, or spouse of child (5) Other	
(Persons under 10 years old)		
27 Name	28 Relationship to the household head (1) Son or daughter (2) Grandson or granddaughter (3) Brother or sister (4) Other	29 Age (1) (2) (3) (4) (5) (6) (7) (8) (9) 00 0 1 2 3 4 5 6 7 8 9 Year(s)
		30 Attending school, kindergarten (1) Nursery school (2) Kindergarten (3) Elementary school (4) Not attended
	1 2 3 4	0 1 2 3 4 5 6 7 8 9 1 2 3 4
	1 2 3 4	0 1 2 3 4 5 6 7 8 9 1 2 3 4
	1 2 3 4	0 1 2 3 4 5 6 7 8 9 1 2 3 4
	1 2 3 4	0 1 2 3 4 5 6 7 8 9 1 2 3 4
	1 2 3 4	0 1 2 3 4 5 6 7 8 9 1 2 3 4

Telephone number _____

* Thank you very much for your cooperation in responding to the questionnaire.

3. Area classification

In this survey, the results are tabulated according to the following area categories. (see figure on the page 862)

a. Prefectures (47 prefectures)

b. Districts (14 districts)

The whole country is divided into the following 14 districts.

Districts	Prefectures
Hokkaido	Hokkaido
Tohoku	Aomori, Iwate, Miyagi, Akita, Yamagata, Fukushima
Kanto I	Saitama, Chiba, Tokyo, Kanagawa
Kanto II	Ibaraki, Tochigi, Gumma, Yamanashi, Nagano
Hokuriku	Niigata, Toyama, Ishikawa, Fukui
Tokai	Gifu, Shizuoka, Aichi, Mie
Kinki I	Kyoto, Osaka, Hyogo
Kinki II	Shiga, Nara, Wakayama
Sanin	Tottori, Shimane
Sanyo	Okayama, Hiroshima, Yamaguchi
Shikoku	Tokushima, Kagawa, Ehime, Kochi
Northern-Kyushu	Fukuoka, Saga, Nagasaki, Oita
Southern-Kyushu	Kumamoto, Miyazaki, Kagoshima
Okinawa	Okinawa

c. Metropolitan areas (7 areas)

(M.M.A. = Major Metropolitan Area)

A metropolitan area consists of a central city (one of the ordinance-designated cities) and its neighbouring municipalities.

A neighbouring municipality refers to a city, a town or a village from where 1.5 percent or more of its total residents commute to the central city for work or school.

In case two or more central cities are located close together, a united metropolitan area is set up for them.

In this survey, are used the following areas based on the 1990 Population Census.

(Names in parentheses refer to the central cities.)

- Sapporo Metropolitan Area (Sapporo)
- Sendai Metropolitan Area (Sendai)
- Keihinyo Metropolitan Area (Ku-area of Tokyo, Yokohama, Kawasaki and Chiba)
 - Keihin Metropolitan Area (Ku-area of Tokyo, Yokohama, and Kawasaki)
- Chukyo Metropolitan Area (Nagoya)
- Keihanshin Metropolitan Area (Kyoto, Osaka and Kobe)
- Hiroshima Metropolitan Area (Hiroshima)
- Kitakyushu-Fukuoka Metropolitan Area (Kitakyuushu and Fukuoka)

d. Prefectural capitals and ordinance-designated cities (60 cities)

Ordinance-designated cities are cities designated by the Cabinet Order and *ku*-area of Tokyo.

e. City group (5 groups)

Cities, towns and villages are classified as follows according to population size based on the preliminary counts of the 1995 Population Census.

- i) Large cities; those with a population of 1,000,000 or more (including ordinance-designated city with a population less than 1,000,000)
- ii) Medium cities; those with a population of 150,000 or more but less than 1,000,000
- iii) Small cities A; those with a population of 50,000 or more but less than 150,000,
- iv) Small cities B; those with a population of less than 50,000
- v) Towns and villages