# A STUDY OF THE JAPANESE NATIONAL CHARACTER : THE TENTH NATIONWIDE SURVEY (1998) 

English Edition

Yoshiyuki Sakamoto<br>Takahiro Tsuchiya<br>Takashi Nakamura<br>Tadahiko Maeda<br>David B. Fouse

Research Committee
on the Study of the Japanese National Character

November 2000

The Institute of Statistical Mathematics

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the institute.

## The Institute of Statistical Mathematics (TÔKEI SÛRI KENKYÛZYO)

4-6-7 Minami-Azabu, Minato-ku<br>Tokyo 106-8569, Japan

# A STUDY OF THE JAPANESE NATIONAL CHARACTER : THE TENTH NATIONWIDE SURVEY (1998) 

English Edition

Yoshiyuki Sakamoto<br>Takahiro Tsuchiya<br>Takashi Nakamura<br>Tadahiko Maeda<br>David B. Fouse

Research Committee on the Study of the Japanese National Character

November 2000

# Research Committee on the Study of the Japanese National Character 

Yoshiyuki Sakamoto (Coordinator), Prof., Inst. Statist. Math.
Giichiro Suzuki, Prof., Inst. Statist. Math.
Masakatsu Murakami, Prof., Inst. Statist. Math.
Yasumasa Baba, Prof., Inst. Statist. Math.
Takashi Nakamura, Prof., Inst. Statist. Math.
Ryozo Yoshino, Assoc. Prof., Inst. Statist. Math.
Takahiro Tsuchiya, Assoc. Prof., Inst. Statist. Math.
Yuejun Zheng, Assist. Prof., Inst. Statist. Math.
Tadahiko Maeda, Assist. Prof., Inst. Statist. Math.
Chikio Hayashi, Prof. Emeritus, Inst. Statist. Math.
Sigeki Nisihira, Prof. Emeritus, Inst. Statist. Math.
Tatsuzo Suzuki, Prof. Emeritus, Inst. Statist. Math.
Tsutomu Komazawa, Prof. Emeritus, Inst. Statist. Math.
Fumi Hayashi, Prof., Toyo Eiwa University

All communications concerning this report should be addressed to:
Prof. Y. Sakamoto,
The Institute of Statistical Mathematics, 4-6-7 Minami-Azabu, Minato-ku,
Tokyo 106-8569 JAPAN
(FAX: +81-3-5421-8732, E-mail: sakamoto@ism.ac.jp)

## CONTENTS

## I. OUTLINE OF THE STUDY

§ 1 Past and present studies ..... 1
§ 2 Sampling and interviewing methods ..... 1
§ 3 References ..... 7
II. QUESTIONS AND SIMPLE TABULATIONS
Abbreviation ..... 13
Criterion for choosing translated questions ..... 13
Notes for tables ..... 14
§ 1 Demographic data and respondents ..... 15
§ 2 Attitudes toward life and environment ..... 22
§ 3 Religion ..... 53
§ 4 Children and Family ..... 57
§ 5 Face-to-face social groups ..... 63
§ 6 Men and women ..... 79
§ 7 General social problems ..... 91
§ 8 Attitudes toward politics ..... 112
§ 9 Race and the Japanese people ..... 119
APPENDIX
Statistical research of the Japanese national character: General trends in attitude over the latter half of the twentieth century ..... 129

## I. OUTLINE OF THE STUDY

## §1 Past and Present Studies

The Research Committee originated the study of the Japanese national character with the first nationwide survey in 1953. Since then, a similar statistical survey has been conducted every five years, for a total of ten surveys.

Each survey has been carried out using a face-to-face interviewing method with samples of 3,000 to 6,000 Japanese nationals, aged 20 and over. Samples were selected by stratified three-stage sampling.

In each survey, the questionnaire contained approximately 50 items, most of them being similar to those utilized in the previous surveys. However, since 1973 two different types of questionnaires have been used. One consists of items used in preceding surveys (referred to as 'K-type'), the other consists mainly of new items (referred to as 'M-type').

Also in the tenth survey, these two types of questionnaire were used, and each questionnaire was administered to one half of the total number of respondents. All the questions in the K-type questionnaire had previously appeared in the questionnaires of one or more of the previous surveys, most of them having been common to all surveys. In contrast, the majority of questions in the M-type questionnaire were developed after 1973. These items were formulated for the following reasons:
(a) It was thought that the content of some of the questions might be outdated or no longer adequate, because over 45 years had passed since the original questionnaire items were formulated.
(b) New questions were needed to facilitate the analysis of future attitude trends.

Thus the latest tenth survey has two major objectives. One is to clarify what aspects of people's ways of thinking have changed over the latter half of the twentieth century, based on the analysis of responses to questions asked repeatedly over this period. The other objective is to investigate new aspects of attitude trends in Japan.

## §2 Sampling and Interviewing Methods

Selection of the sample of each survey was carried out by the stratified three-stage probability sampling method. First, boroughs, cities, towns and villages were stratified, taking into consideration district, population size (or number of voters) and other factors. From each stratum one administrative district was randomly chosen, with the probability of selection being proportionate to the size of population (or number of voters). In the tenth survey, 300 administrative districts were thus selected (Stage 1). Second, from each of the randomly selected administrative districts, one voting district was selected in the same way (Stage 2). Finally, from voter lists in the voting districts selected, respondents were chosen by means of systematic random sampling (Stage 3). A total of 4,200 respondents were drawn for the tenth survey.

Surveys up to the eighth one were carried out with the cooperation of many universities. After those survey districts had been assigned to the universities, members of the Committee visited these universities and gave instructions to student interviewers.

However, the ninth and tenth surveys were conducted with the cooperation of Central Research Services, Inc.. In either case the interviewers were responsible for randomly selecting sample from voter lists according to a specified procedure. (There was an average of 14 respondents for each district in the tenth survey.) Interviewers then conducted interviews in the respondents' homes and recorded the responses on the interview schedules. In the case of the tenth survey, out of the target sample of size $4,200,2,680$ were completed, a completion rate of $64 \%$. (The details of the incompletion rate are summarized in Tables 1 to 5 .)

The questions and simple tabulations of responses in these ten nationwide surveys are summarized in the following chapter.

As shown on the cover, the authors of this report are Yoshiyuki Sakamoto, Takahiro Tsuchiya, Takashi Nakamura, Tadahiko Maeda and David B. Fouse. David B. Fouse is a student of the School of Mathematical and Physical Science, the Graduate University for Advanced Studies.

Ms. S. Miyazaki, Ms. J. Kurihara and Ms. K. Itoh helped edit this report and typed it. The authors are very grateful for their assistance.

Table 1 Reason of incompletion

|  | K |  | M |  | $\mathrm{K}+\mathrm{M}$ |  |
| :--- | :---: | ---: | ---: | ---: | ---: | ---: |
|  | Actual <br> number | $\%$ | Actual <br> number | $\%$ | Actual <br> number | $\%$ |
| Death | 5 | 1 | 4 | 1 | 9 | 1 |
| Change of address | 73 | 10 | 86 | 11 | 159 | 10 |
| Not found | 15 | 2 | 30 | 4 | 45 | 3 |
| Absence(long term) | 30 | 4 | 37 | 5 | 67 | 4 |
| Sickness | 51 | 7 | 41 | 5 | 92 | 6 |
| Absence(short term) | 196 | 27 | 190 | 24 | 386 | 25 |
| Refusal | 341 | 46 | 364 | 46 | 705 | 46 |
| Senility | 2 | 0 | 11 | 1 | 13 | 1 |
| Others | 23 | 3 | 21 | 3 | 44 | 3 |
| Total | 736 | 100 | 784 | 100 | 1,520 | 99 |

Table 2 Incompletion rate (by gender)

| K | Target <br> sample size | $\%$ | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate (\%) |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Male | 1,014 | 49 | 615 | 399 | 39 |
| Female | 1,061 | 51 | 724 | 337 | 32 |
| Total | 2,075 | 100 | 1,339 | 736 | 35 |


| M | Target <br> sample size | $\%$ | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate (\%) |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Male | 1,021 | 48 | 601 | 420 | 41 |
| Female | 1,104 | 52 | 740 | 364 | 33 |
| Total | 2,125 | 100 | 1,341 | 784 | 37 |


| $\mathrm{K}+\mathrm{M}$ | Target <br> sample size | $\%$ | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate (\%) | The 1995 <br> Census (\%) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 2,035 | 48 | 1,216 | 819 | 40 | 49 |
| Female | 2,165 | 52 | 1,464 | 701 | 32 | 51 |
| Total | 4,200 | 100 | 2,680 | 1,520 | 36 | 100 |

Table 3 Incompletion rate (by age)

| K | Target sample size | \% | Completed questionnaires | Incompleted questionnaires | Incompletion rate (\%) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20-24 | 199 | 10 | 102 | 97 | 49 |  |
| 25-29 | 152 | 7 | 71 | 81 | 53 |  |
| 30-34 | 182 | 9 | 109 | 73 | 40 |  |
| 35-39 | 165 | 8 | 98 | 67 | 41 |  |
| 40-44 | 170 | 8 | 113 | 57 | 34 |  |
| 45-49 | 241 | 12 | 152 | 89 | 37 |  |
| 50-54 | 206 | 10 | 136 | 70 | 34 |  |
| 55-59 | 191 | 9 | 131 | 60 | 31 |  |
| 60-64 | 191 | 9 | 145 | 46 | 24 |  |
| 65-69 | 148 | 7 | 110 | 38 | 26 |  |
| 70- | 230 | 11 | 172 | 58 | 25 |  |
| Total | 2,075 | 100 | 1,339 | 736 | 35 |  |
| M | Target sample size | \% | $\begin{gathered} \text { Completed } \\ \text { questionnaires } \end{gathered}$ | Incompleted | $\begin{aligned} & \text { Incompletion } \\ & \text { rate }(\%) \end{aligned}$ |  |
| 20-24 | 192 | 9 | 84 | 108 | 56 |  |
| 25-29 | 195 | 9 | 104 | 91 | 47 |  |
| 30-34 | 179 | 8 | 95 | 84 | 47 |  |
| 35-39 | 194 | 9 | 120 | 74 | 38 |  |
| 40-44 | 174 | 8 | 106 | 68 | 39 |  |
| 45-49 | 219 | 10 | 155 | 64 | 29 |  |
| 50-54 | 209 | 10 | 141 | 68 | 33 |  |
| 55-59 | 198 | 9 | 137 | 61 | 31 |  |
| 60-64 | 195 | 9 | 149 | 46 | 24 |  |
| 65-69 | 153 | 7 | 108 | 45 | 29 |  |
| 70- | 217 | 10 | 142 | 75 | 35 |  |
| Total | 2,125 | 98 | 1,341 | 784 | 37 |  |
| K+M | Target sample size | \% | $\begin{gathered} \text { Completed } \\ \text { questionnaires } \\ \hline \end{gathered}$ | Incompleted questionnaires | $\begin{gathered} \text { Incompletion } \\ \text { rate (\%) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { The } 1995 \\ \text { Census (\%) } \\ \hline \end{gathered}$ |
| 20-24 | 391 | 9 | 186 | 205 | 52 | 10 |
| 25-29 | 347 | 8 | 175 | 172 | 50 | 9 |
| 30-34 | 361 | 9 | 204 | 157 | 43 | 8 |
| 35-39 | 359 | 9 | 218 | 141 | 39 | 8 |
| 40-44 | 344 | 8 | 219 | 125 | 36 | 9 |
| 45-49 | 460 | 11 | 307 | 153 | 33 | 11 |
| 50-54 | 415 | 10 | 277 | 138 | 33 | 9 |
| 55-59 | 389 | 9 | 268 | 121 | 31 | 8 |
| 60-64 | 386 | 9 | 294 | 92 | 24 | 8 |
| 65-69 | 301 | 7 | 218 | 83 | 28 | 7 |
| 70- | 447 | 11 | 314 | 133 | 30 | 12 |
| Total | 4,200 | 100 | 2,680 | 1,520 | 36 | 99 |

Table 4 Incompletion rate (by regional distribution)

| K | Target <br> sample size | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate (\%) |
| :--- | :---: | :---: | :---: | :---: |
| Hokkaido | 98 | 61 | 37 | 38 |
| Tohoku | 152 | 112 | 40 | 26 |
| Kanto | 662 | 367 | 295 | 45 |
| Chubu(East) | 154 | 107 | 47 | 31 |
| Chubu(West) | 200 | 127 | 73 | 37 |
| Kinki | 368 | 233 | 135 | 37 |
| Chugoku | 140 | 103 | 37 | 26 |
| Shikoku | 70 | 54 | 16 | 23 |
| Kyushu | 231 | 175 | 56 | 24 |
| Total | 2,075 | 1,339 | 736 | 35 |


| M | Target <br> sample size | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate $(\%)$ |
| :--- | :---: | :---: | :---: | :---: |
| Hokkaido | 99 | 68 | 31 | 31 |
| Tohoku | 155 | 104 | 51 | 33 |
| Kanto | 686 | 363 | 323 | 47 |
| Chubu(East) | 157 | 108 | 49 | 31 |
| Chubu(West) | 204 | 140 | 64 | 31 |
| Kinki | 374 | 236 | 138 | 37 |
| Chugoku | 144 | 107 | 37 | 26 |
| Shikoku | 71 | 48 | 23 | 32 |
| Kyushu | 235 | 167 | 68 | 29 |
| Total | 2,125 | 1,341 | 784 | 37 |


| $\mathrm{K}+\mathrm{M}$ | Target <br> sample size | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate $(\%)$ |
| :--- | :---: | :---: | :---: | :---: |
| Hokkaido | 197 | 129 | 68 | 35 |
| Tohoku | 307 | 216 | 91 | 30 |
| Kanto | 1,348 | 730 | 618 | 46 |
| Chubu(East) | 311 | 215 | 96 | 31 |
| Chubu(West) | 404 | 267 | 137 | 34 |
| Kinki | 742 | 469 | 273 | 37 |
| Chugoku | 284 | 210 | 74 | 26 |
| Shikoku | 141 | 102 | 39 | 28 |
| Kyushu | 466 | 342 | 124 | 27 |
| Total | 4,200 | 2,680 | 1,520 | 36 |

Table 5 Incompletion rate (by urban vs. rural)

| K | Target <br> sample size | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate $(\%)$ |
| :--- | :---: | :---: | :---: | :---: |
| 6 Metropolitan cities | 314 | 163 | 151 | 48 |
| Pop.: $500,000 \&$ over | 219 | 141 | 78 | 36 |
| $200,000-500,000$ | 449 | 286 | 163 | 36 |
| $100,000-200,000$ | 266 | 169 | 97 | 36 |
| $50,000-100,000$ | 231 | 146 | 85 | 37 |
| $\quad$ Under 50,000 | 147 | 113 | 34 | 23 |
| Rural | 449 | 321 | 128 | 29 |
| Total | 2,075 | 1,339 | 736 | 35 |


| M | Target <br> sample size | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate $(\%)$ |
| :--- | :---: | :---: | :---: | :---: |
| 6 Metropolitan cities | 336 | 156 | 180 | 54 |
| Pop.: $500,000 \&$ over | 227 | 133 | 94 | 41 |
| $200,000-500,000$ | 461 | 300 | 161 | 35 |
| $100,000-200,000$ | 266 | 170 | 96 | 36 |
| $50,000-100,000$ | 232 | 156 | 76 | 33 |
| $\quad$ Under 50,000 | 147 | 95 | 52 | 35 |
| Rural | 456 | 331 | 125 | 27 |
| Total | 2,125 | 1,341 | 784 | 37 |


| $\mathrm{K}+\mathrm{M}$ | Target <br> sample size | Completed <br> questionnaires | Incompleted <br> questionnaires | Incompletion <br> rate $(\%)$ |
| :--- | :---: | :---: | :---: | :---: |
| 6 Metropolitan cities | 650 | 319 | 331 | 51 |
| Pop.: $500,000 \&$ over | 446 | 274 | 172 | 39 |
| $200,000-500,000$ | 910 | 586 | 324 | 36 |
| $100,000-200,000$ | 532 | 339 | 193 | 36 |
| $50,000-100,000$ | 463 | 302 | 161 | 35 |
| $\quad$ Under 50,000 | 294 | 208 | 86 | 29 |
| Rural | 905 | 652 | 253 | 28 |
| Total | 4,200 | 2,680 | 1,520 | 36 |

## §3 References

(Papers written in foreign languages)

1. Hayashi, C. et al. (1960). A Study of Japanese National Character, Ann. Inst. Statist. Math., Sup. I, 1-30.
2. Hayashi, C. et al. (1960). A Study of Japanese National Character-Part II-, Ann. Inst. Statist. Math., Sup. II, 1-30.
3. Research Committee on the Study of Japanese National Character (1961). Nipponjin no Kokuminsei (A study of the Japanese National Character), Shiseido, Tokyo. (in Japanese with English summary)
4. Suzuki, T. (1966). A Study of the Japanese National Character-Part III, The Third Survey, Ann. Inst. Statist. Math., Sup. IV, 15-64.
5. Research Committee on the Study of Japanese National Character (1970). Dai 2 Nipponjin no Kokuminsei (A study of the Japanese National Character, No.2), Shiseido, Tokyo. (in Japanese with English summary)
6. Nisihira, S. (1970). Les Attitudes des Japonais envers la Religion, Ann. Inst. Statist. Math., Sup. 6, 81-94.
7. Suzuki, T. (1970). A Study of the Japanese National Character-Part IV-, Ann. Inst. Statist. Math., Sup. 6, 1-80.
8. Hayashi, C. (1972). The Japanese National Character, Abstract Guide of XXth International Congress of Psychology, 1982 Tokyo, 46-47.
9. Suzuki, T., Hayashi, C., Nisihira, S., Aoyama, H., Nomoto, K., Kuroda, Y. and Kuroda, A. K. (1972). A Study of Japanese-Americans in Honolulu, Hawaii, Ann. Inst. Statist. Math., Sup. 7, 1-60.
10. Hayashi, C. (1974). Time, Age and Ways of Thinking-From the Kokuminsei Surveys, Journal of Asian and African Studies, Vol. X, No. $1 \& 2,75-85$.
11. Hayashi, C. and Suzuki, T. (1974). Quantitative Approach to a Cross-Societal Research; A Comparative Study of Japanese Character, Part I, Ann. Inst. Statist. Math., Vol. 26, No. 3, 455-516.
12. Nisihira, S. (1974). Changed and Unchanged Characteristics of the Japanese, Japan Echo, Vol. I, No. 2, 22-32.
13. Sakamoto, Y. (1974). A Study of the Japanese National Character-Part V, Ann. Inst. Statist. Math., Sup. 8, 1-57.
14. Research Committee on the Study of Japanese National Character (1975). Dai 3 Nipponjin no Kokuminsei (A study of the Japanese National Character, No.3), Shiseido, Tokyo. (in Japanese with English summary)
15. Hayashi, C. (1975). Time, Age and Ways of Thinking-From the Kokuminsei Surveys, in Adult Episode in Japan (ed. Plath, D. W.), E. J. Bril, Leiden, 75-85.
16. Hayashi, C. and Suzuki, T. (1975). Quantitative Approach to a Cross-Societal Research; A Comparative Study of Japanese Character, Part II, Ann. Inst. Statist. Math., Vol. 27, No. 1, 1-32.
17. Research Committee on the Study of the Japanese National Character (1977). Changing Japanese Value-Statistical Surveys and Analyses-, Inst. Statist. Math.
18. Hayashi, C. (1977). Changes in Japanese Thought during the Past Twenty Years, Text of Seminar in the U. S. (March 1977), "Nihonjin Kenkyukai Changing Values in Modern Japan", 3-57.
19. Suzuki, T. and Jitodai, T. T. (1977). Migration and Prefectural Identification in Four Japanese Prefectures, Ann. Inst. Statist. Math., Vol. 29, No. 3, B, 511-525.
20. Suzuki, T. and Kuroda, Y. (1977). A Note on Immigrants to Hawaii, in A Comparative Sociological Study on the Adaptation and Attitude Change of Asian Emigrants (Migration Research Series No. 1), Dept. of Sociology, The University of Tsukuba, 30-39.
21. Hayashi, C. (1978). Japanese Attitude and Party Preference, Japan Echo, Vol. 5, Special Issue, 58-81.
22. Hayashi, C. (1978). Nationality, in Social Psychology in Japan (ed. Misumi, J.), Osaka University, 674-675.
23. Kuroda, Y., Suzuki, T. and Hayashi, C. (1978). A Cross-National Analysis of the Japanese Character among Japanese-Americans in Honolulu, Ethnicity, Vol. 5, 42-59.
24. Hayashi, C. (1980). Data Analysis in a Comparative Study, in Data Analysis and Informatics (eds. Deday, E. et al., North-Holland, 31-51.
25. Leghorn, R. Y. and Suzuki, T. (1980). Age, Sex and Cohort: Explicating Social Change in Post-War Japan, Proceedings of Kyoto American Studies Summer Seminar, Doshisha University, 95-124.
26. Research Committee on the Study of Honolulu Residents (1980). Honolulu Residents and Their Attitudes in Multi-Ethnic Perspective: Toward a Theory of the American National Character, The ISM Monograph 1. The University Press of Hawaii.
27. Suzuki, T. (1980). Pitfalls in Cross-Cultural Survey Research: Comparative Study of Value Systems in Japan and the United States, Proceedings of Symposium on Research Funded by the Toyota Foundation, "The Japanese and the Americans: Significance, Methodology and Possibilities of International Comparative Studies", Toyota Foundation, 97-101.
28. Research Committee on the Study of Japanese National Character (1982). Dai 4 Nipponjin no Kokuminsei (A study of the Japanese National Character, No.4), Idemitsu Shoten, Tokyo. (in Japanese with English summary)
29. Hayashi, C. (1983). International Understanding through Broadcasting and the Basic Structure of the Social Behavior of People, HBF News Letter, ISSUE No. 16, May, 3549.
30. Hayashi, C., Suzuki, T. and Hayashi, F. (1984). Comparative Study of Lifestyle and Quality of Life: Japan and France, Behaviormetrika, No. 15, 1-17.
31. Hayashi, C. and Suzuki, T. (1984). Changes in Belief Systems, Quality of Life Issues and Social Conditions over 25 Years in Post-War Japan, Ann. Inst. Statist. Math., Part B, Vol. 36, No. 1, 135-161.
32. The Research Committee on the Study of Japanese Americans in Honolulu, Hawaii (1984). Honolulu's Japanese Americans in Comparative Perspective, The ISM Monograph 2. The University Press of Hawaii.
33. Suzuki, T. (1984). Ways of Life and Social Milieus in Japan and the United States: A Comparative Study, Behaviormetrika, No. 15, 77-108.
34. Hayashi, C., Hayashi, F., Suzuki, T., Lebart, L. and Kuroda, Y. (1985). Comparative Study of Quality of Life and Multidimensional Data Analysis: Japan, France and the U. S.(Hawaii), in Fourth International Symposium, Data Analysis and Informatics (Versailles, France, Oct., 1985), INRIA, 573-583.
35. Leghorn, R. Y. and Suzuki, T. (1985). Age, Sex and Cohort: Explicating Social Change in Post-War Japan, Behaviormetrika, No. 18, 1-16.
36. Kuroda, Y., Hayashi, C. and Suzuki, T. (1986). The Role of Language in Cross-National Surveys: American and Japanese Respondents, Applied Stochastic Models and Data Analysis, Vol. 2, 43-59.
37. The Research Committee on the Study of Honolulu Residents (1986). The Third Attitudinal Survey of Honolulu Residents, The ISM Monograph 3. The University of Hawaii Press.
38. Hayashi, C. (1987). Statistical Study of Japanese National Character, Journal of Japan Statistical Society, Special Issue, 71-95.
39. Kuroda, Y., Kuroda, A. K., Hayashi, C. and Suzuki, T. (1987). The End of Westernization and the Beginning of New Modernization in Japan: Attitudinal Dynamics of the Japanese, 1953-1983, The Arab Journal of the Social Sciences, Vol. 2, No. 1, 18-36.
40. Sasaki, M. and Suzuki, T. (1987). Changes in Religious Commitment in the United States, Holland, and Japan, American Journal of Sociology, Vol. 92, No. 5, 1055-1076.
41. Trommsdorff, G., Suzuki,T. und Sasaki, M. (1987). Soziale Ungleichheiten in Japan und der Bundesrepublik Deutschland, Kölner Zeitschrift für Soziologie und Sozialpsychologie, Vol. 39, No. 3, 496-515.
42. Hayashi, C. (1989). Cultural Link Analysis for Comparative Research-A New Approach to the Exploration of Structure in Ways of Thinking Applied to Cross-National Analysis of General Social Attitude, The Survey Statistician (ISI), No. 21, 14-15.
43. Kuroda, Y. and Suzuki, T. (1989). Language and Attitude: A Study in Arabic, English, and Japanese on the Role of Language in Cross-Cultural Thinking, in Thinking Across Cultures: The Third International Conference on Thinking (eds. Topping, D. M., Crowell, D. C. and Kobayashi, V. N.), Lawrence Erlbaum Associates, 147-161.
44. Sasaki, M. and Suzuki, T. (1989). New Directions in the Study of General Social Attitudes: Trend and Cross-National Perspectives, Behaviormetrika, No. 26, 9-30.
45. Suzuki, T. (1989). Cultural Link Analysis: Its Application to Social Attitudes-A Study Among Five Nations, Bulletin of the International Statistical Institute, Proceedings of the 47th Session, Paris, 343-379.
46. Hayashi, C. (1990). Statistical Study of Japanese National Character and Its International Comparison among Five Nations, The Survey Statistician (ISI), No. 23, 14-15.
47. Hayashi, C. and Suzuki, T. (eds.) (1990). Beyond Japanese Social Values-Trend and Cross-National Perspectives, Inst. Statist. Math.
48. Hayashi, C., Suzuki, T. and Leghorn, R. Y. (1991). The Japanese and the AmericansComparative and Time Series Surveys of the Institute of Statistical Mathematics, Inst. Statist. Math.
49. Hayashi, C., Suzuki, T. and Sasaki, M. (Eds.) (1991). Japanese/American National Character Conference (Hoover Institution, Stanford University, March 17-18, 1990), Inst. Statist. Math.
50. Kuroda, Y. and Suzuki, T. (1991). Arab Students and English: the Role of Implicit Culture, Behaviormetrika, No. 29, 23-44.
51. Kuroda, Y. and Suzuki, T. (1991). A Comparative Analysis of the Arab Culture: Arabic, English, and Japanese Languages and Values, Behaviormetrika, No. 30, 35-53.
52. Nisihira, S. et Condominas, C. (1991). L'opinion des Japonais; Société-Travail-Famille à travers les Sondages - comparaison internationale-, Paris, Sudestasie.
53. Sakamoto, Y. (1991). Categorical Data Analysis by AIC, Kluwer Academic Publishers, Dordrecht, Holland.
54. Research Committee on the Study of Japanese National Character (1992). Dai 5 Nipponjin no Kokuminsei (A study of the Japanese National Character, No.5), Idemitsu Shoten, Tokyo. (in Japanese with English summary)
55. Hayashi, C. (1992). Belief Systems and the Japanese Way of Thinking: Interchronological and International Perspectives, in Social, Educational and Clinical Psychology, Proceedings of the 22nd International Congress of Applied Psychology: Volume 3, Lawrence Erlbaum Associates, Publishers, 3-34.
56. Hayashi, C. (1992). Quantitative Social Research-Belief Systems, the Way of Thinking and Sentiments of Five Nations-, Behaviormetrika, Vol. 19, No. 2, 127-170.
57. Hayashi, C., Suzuki, T. and Sasaki, M. (1992). Data Analysis for Comparative Social Research, International Perspectives, Elsevier, North-Holland.
58. Kuroda, Y. and Suzuki, T. (1992). Tahalil Mugarin Thagafa Al-Arabiye; Al-Lughat Wa Al-Queem Al Arabiye Wa Al-Ankelizidyeh Wa Al-Yabaniye (A Comparative analysis of the Arab culture; Arabic, English and Japanese language and values), Al Mustaqbal Al Arabi (The Arab Future), No. 16, 14-31.
59. Nisihira, S. (1992). Public Opinion in Japan-Changes and Comparisons, Japanstudien, Band 4, 37-54.
60. Yoshino, R. (1992). An Extension of the Test Theory Without Answer Key by Batchelder and Romney for Social Survey Research, in Social, Educational and Clinical Psychology, Proceedings of the 22nd International Congress of Applied Psychology: Volume 3 (eds. Motoaki, H., Misumi, J. and Wilpert, B.), Lawrence Erlbaum Associates, Publishers, 108.
61. Yoshino, R. (1992). Superculture as a Frame of Reference for Cross-national Comparisons of National Characters, Behaviormetrika, Vol. 19, No. 1, 23-41.
62. Yoshino, R. (1992). The Unbiased BIGHT Model and Its Application to the Distinction of Responses to a Free-answer Question in a Social Survey, Behaviormetrika, Vol. 19, No. 2, 83-96.
63. Suzuki, T. (1993). Macro Analysis by Means of Cohort Analysis, Behaviormetrika, Vol. 20, No. 1, 77-90.
64. Hayashi, C. (1994). The Japanese National Character, Foreign Press Center.
65. Hayashi, F. (1994). Comparative Analysis of the Japanese and Germans: Some Topics on Social Values, Behaviormetrika, Vol. 21, No. 1, 61-78.
66. Murakami, M. (1994). Estimate of the Number of International Children in Japan, Based on Trends in Intermarriage, International Journal of Japanese Sociology, No. 3, 29-43.
67. Hayashi, C. (1995). Changing and Enduring Aspects of Japanese National Character, Institute of Social Research, INSS (Institute of Nuclear Safety System).
68. Hayashi, F. and Suzuki, T. (1995). Data Analytic Representation of Characteristics of Various Breakdowns in Cross-Cultural Survey, in Data Science and Its Application (eds. Hayashi, C. et al.), Harcourt Brace Japan, 235-246.
69. Sakamoto, Y. (1995). A Study of Japanese National Character: Ninth Nationwide Survey, Research Memorandum, No. 572.
70. Yoshino, R. and Khor, D. (1995). Complementary Scaling for Cross-National Analyses of National Character, Behaviormetrika, Vol. 22, No. 2, 155-184.
71. Sakamoto, Y. et al. (1995). Tokushu Nippon-jin no Kokuminsei (Special issue: A Study of the Japanese National Character), Proc. Inst. Statist. Math., Vol. 43, No. 1, 1-176. (in Japanese with English summary).
72. Hayashi, C. (1996). Cultural Link Analysis (CLA) for Qualitative Comparative Social Research and its Applications, in Quantitative Social Research in Germany and Japan (eds. Hayashi, C. and Scheuch, E.), Leske+Budrich, 202-229.
73. Sasaki, M. and Suzuki, T. (1996). Changes in Religious Commitment in The United States, Holland, and Japan, in Comparing Nations and Cultures (eds. Inkeles, A. and Sasaki, M.), Prentice-Hall, 586-601.
74. Suzuki, T. (1996). Macro Analysis by Means of Cohort Analysis, in Quantitative Social Research in Germany and Japan (eds. Hayashi, C. and Scheuch, E.), Leske+Budrich, 5370.
75. Suzuki, T. and Sasaki, M. (1996). The Use and Role of the Data Library for Improving Survey Methods, Paper presented at the WAPOR Regional Conference in Tokyo.
76. Yoshino, R. (1996). Degree of Conformity for the Cross-National Comparative Study of National Character, in Quantitative Social Research in Germany and Japan (eds. Hayashi, C. and Scheuch, E.), Leske+Budrich, 182-206.
77. Hayashi, C. and Kuroda, Y. (1997). Japanese Culture in Comparative Perspective, Praeger.
78. Study on Japanese Behavior and Attitude Patterns in JAs, Hokubei Mainichi, Oct.14, 1998.
79. Studies of Nikkei Character Underway, Nikkei West, Oct.15,1998.
80. Hayashi, C. (1998). What is Data Science? -Fundamental Concepts and a Heuristic Example, in Data Science, Classification and Related Methods (eds. Hayashi, C. et al.), Springer-Verlag, 40-51.
81. Hayashi, C. (1998). The Quantitative Study of National Character, Interchronological and International Perspectives, Int. J. of Comparative Sociology, Vol. 39, No. 1, 91-114. (or, in Sasaki, M. (ed.), Values and Attitude Across Nations and Time, Brill, pp.99-114.)
82. Sakamoto, Y. (1999). Statistical Research of the Japanese National Character: General Trends in Attitude over the Later Half of the Twentieth Century, WAPOR 52nd Conference Papers, No. 12 (Paris, France), World Association for Public Opinion Research.

## II. QUESTIONS AND SIMPLE TABULATIONS

## 1. Abbreviation

I (1953) : The first nationwide survey in 1953
II (1958) : The second nationwide survey in 1958
III (1963) : The third nationwide survey in 1963
IV (1968) : The fourth nationwide survey in 1968
V (1973) : The fifth nationwide survey in 1973
VI (1978) : The sixth nationwide survey in 1978
VII (1983) : The seventh nationwide survey in 1983
VIII (1988) : The eighth nationwide survey in 1988
IX (1993): The ninth nationwide survey in 1993
X (1998) : The tenth nationwide survey in 1998
JPN : The Surveys of Japanese National Character mentioned above
K : K-type questionnaire
M : M-type questionnaire

* : The relevant question or category is missing.
- : The relevant response category has a zero frequency.

USA88 : The USA 1988 Survey for the "Cultural Link Analysis for Comparative Social Research"
UK87 : The UK 1987 Survey for the "Cultural Link Analysis for Comparative Social Research"
USA98 : "Personal Values Study" conducted in USA in October 1998

## 2. Criterion for choosing translated questions

Needless to say, the surveys of Japanese national character were conducted with questions written in Japanese. Therefore, since many ways of English translation are possible, translated questions in this report are tentative. In this report, translated questions were chosen based on the following criteria:
(1) The question in USA88 (or USA98) was adopted if it was not much different in content from the Japanese question. (Therefore, some questions are different from those published previously.)

In addition, if the translated question of UK87 is different from that of USA88 (or USA98), that is given in the footnote. (In this case, the differences are underlined.)
(2) A question translated from the original Japanese one was adopted if there is not an appropriate translated question in USA88 (or USA98). However, if the differences are only in the response categories, the question in USA88 (or USA98) is given in the footnote.

## 3. Notes for tables

Figures in tables indicate relative frequency (percentage) of a category rounded to the nearest integer. Figures in the "total" column are a simple summation of these percentages that will not sum up to 100 in some cases. Number of completed samples are shown in parentheses in that column. Multiple answer items are enclosed by double lines and summary percentages are omitted.

## §1 Demographic Data on Respondents

\＃1．1 Gender

\＃1．2 Age

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{7} \\ & \text { Z } \end{aligned}$ | $\frac{\sqrt[2]{2}}{0}$ | $\begin{aligned} & \mathbf{2} \\ & T_{2} \\ & \stackrel{\tilde{e}}{0} \end{aligned}$ | $\begin{array}{\|c} 1 \\ N \\ N \\ 1 \\ N \end{array}$ | $$ | $\begin{aligned} & \hline \mathbf{3} \\ & \underset{\sim}{\omega} \\ & 1 \\ & \underset{\sim}{\omega} \end{aligned}$ | $\begin{gathered} 4 \\ 4 \\ \text { w } \\ 1 \\ 1 \\ \hline 0 \end{gathered}$ |  | $\begin{gathered} 6 \\ \hline \stackrel{4}{6} \\ 1 \\ 也 \end{gathered}$ | $\begin{aligned} & 7 \\ & \hline 8 \\ & \text { or } \\ & 1 \\ & 1 \\ & \hline \end{aligned}$ | $$ | $\begin{aligned} & \hline \mathbf{9} \\ & 8 \\ & \hline 1 \\ & \hline 8 \end{aligned}$ |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I（1953） | 1 | 47 | 53 | 19 | 15 | 11 | 11 | 10 | 8 | 9 | 6 | 5 |  |  | $100(2,254)$ |
| II（1958） | 1011 | 46 | 54 | 15 | 14 | 14 | 10 | 11 | 9 | 7 | 7 | 6 |  | 4 | $101(2,369)$ |
| III（1963） |  | 46 | 54 | 12 | 13 | 14 | 12 | 10 | 9 | 9 | 6 | 6 | 4 |  | $99(2,698)$ |
| IV（1968） | －－－ | 47 | 53 | 12 | 13 | 13 | 13 | 11 |  | 7 | 7 | 6 | 4 | 4 | $98(3,033)$ |
| V（1973） | K＋M | 45 | 55 | 14 | 12 | 12 | 12 | 12 | 10 | 8 | 7 | 5 | 4 | 5 | $101(4,594)$ |
|  | K | 46 | 54 | 14 | 12 | 12 | 11 | 12 | 10 | 7 | 7 | 5 | 4 |  | $99(3,055)$ |
|  | M | 43 | 57 | 13 | 11 | 12 | 13 | 12 | 10 | 9 | 7 | 5 |  |  | $101(1,539)$ |
| VI（1978） | K＋M | 44 | 56 | 10 | 12 | 12 | 11 | 11 | 11 | 8 | 7 | 6 | 5 |  | $100(3,945)$ |
|  | K | 44 | 56 | 9 | 12 | 12 | 13 | 11 | 11 | 9 | 7 | 5 | 5 |  | $101(2,032)$ |
|  | M | 43 | 57 | 10 | 12 | 13 | 10 | 11 | 11 | 8 | 7 | 7 |  |  | $99(1,913)$ |
| VII（1983） | K＋M | 44 | 56 | 9 | 9 | 12 | 11 | 11 | 11 | 10 | 8 | 6 | 5 |  | $99(4,429)$ |
|  | K | 44 | 56 | 9 | 9 | 12 | 11 | 11 | 12 | 10 | 8 | 6 |  |  | $100(2,256)$ |
|  | M | 45 | 55 | 9 | 9 | 13 | 11 | 10 | 11 | 10 | 9 | 6 |  |  | $100(2,173)$ |
| VIII（1988） | K＋M | 45 | 55 | 10 | 8 | 9 | 13 | 10 | 10 | 9 | 9 | 8 | 6 |  | $100(3,682)$ |
|  | K | 45 | 55 | 9 | 8 | 10 | 13 | 10 | 10 | 8 | 9 | 8 |  |  | $100(1,858)$ |
|  | M | 44 | 56 | 11 | 8 | 8 | 13 | 11 | 10 | 10 | 8 | 8 |  |  | $101(1,824)$ |
| IX（1993） | K＋M | 46 | 54 | 8 | 7 | 8 | 8 | 13 | 11 | 10 | 10 | 10 | 7 |  | $100(3,738)$ |
|  | K | 46 | 54 | 8 | 8 | 8 | 8 | 13 | 11 | 10 | 9 | 10 |  | 7 | $99(1,833)$ |
|  | M | 47 | 53 | 8 | 7 | 9 | 9 | 12 |  | 10 | 10 | 10 |  |  | $100(1,905)$ |
| X（1998） | K＋M | 45 | 55 | 7 | 7 | 8 | 8 | 8 | 11 | 10 | 10 | 11 |  | 12 | $100(2,680)$ |
|  | K |  | 54 | 8 | 5 | 8 | 7 | 8 | 11 | 10 | 10 | 11 |  |  | $99(1,339)$ |
|  | M | 45 | 55 | 6 | 8 | 7 | 9 | 8 |  | 11 | 10 | 11 |  |  | $101(1,341)$ |

```
\#1.2b Marital status
(JPN)
```

Are you married or single?

| $\mathbf{1}$ | Single |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Widowed |  |  |
| $\mathbf{3}$ | Separated or divorced |  |  |
| $\mathbf{4}$ | Married |  |  |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ | D.K. |


|  | $\begin{aligned} & \text { O} \\ & \text { ¢్ } \\ & \vdots \\ & \vdots \end{aligned}$ |  | $\begin{aligned} & \mathbf{2} \\ & \text { z } \\ & \text { Kin } \\ & 0 \\ & \text { of } \end{aligned}$ |  | $$ | $\begin{aligned} & \mathbf{5} \\ & \text { o } \\ & \text { 鸪 } \end{aligned}$ | $\begin{aligned} & 6 \\ & \theta_{i} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 56 | 17 | 8 | 1 | 70 | * | 4 | $100(2,254)$ |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | K+M | 14 | 7 | 3 | 77 | - | 0 | $101(2,680)$ |
|  | K40 | 14 | 8 | 2 | 76 | - | 0 | $100(1,339)$ |
|  | M36 | 13 | 7 | 3 | 77 | - | 0 | $100(1,341)$ |

Cf. (UK87)
1 Married
2 Single
3 Divorced
4 Separated
5 Widowed

## \#1.3 Educational background

(JPN)
What was the last grade or class you completed in school?
1 Elementary (No formal education)
2 Middle
3 High
4 University
5 Other (Specify)

|  | $\begin{aligned} & 0 \\ & 0 \\ & \text { O} \\ & 0 \\ & Z \\ & 0 \end{aligned}$ | $\begin{gathered} 1 \\ \text { 1 } \\ \text { 줌 } \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 4 \end{gathered}$ | $$ | $\begin{aligned} & \mathbf{3} \\ & \text { 出 } \\ & \text { 品 } \end{aligned}$ | $$ | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{+}{6} \\ & \text { R } \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 55 | 33 | 35 | 24 | 6 | 2 | $100(2,254)$ |
| II (1958) | $\begin{array}{r} 32 a \\ 132 a \\ \hline \end{array}$ | 31 | 37 | 24 | 7 | 2 | $101(2,369)$ |
| III (1963) | --- | 21 | 41 | 29 | 8 | 1 | $100(2,698)$ |
| IV (1968) | --- | 16 | 40 | 34 | 10 | 0 | $100(3,033)$ |
| V (1973) | K+M | 15 | 30 | 41 | 12 | 2 | $100(4,594)$ |
|  | K | 15 | 30 | 42 | 11 | 2 | $100(3,055)$ |
|  | M29 | 14 | 31 | 40 | 13 | 2 | $100(1,539)$ |
| VI (1978) | K+M | 10 | 32 | 40 | 16 | 2 | $100(3,945)$ |
|  | K | 10 | 32 | 41 | 15 | 2 | $100(2,032)$ |
|  | M | 11 | 32 | 39 | 17 | 1 | $100(1,913)$ |
| VII (1983) | K+M | 8 | 29 | 43 | 19 | 1 | $100(4,429)$ |
|  | K | 8 | 29 | 43 | 19 | 1 | $100(2,256)$ |
|  | M | 9 | 29 | 43 | 18 | 1 | $100(2,173)$ |
| VIII (1988) | K+M | 8 | 24 | 45 | 22 | 1 | $100(3,682)$ |
|  | K | 8 | 23 | 44 | 23 | 1 | $99(1,858)$ |
|  | M | 7 | 25 | 46 | 21 | 1 | $100(1,824)$ |
| IX (1993) | K+M | 5 | 22 | 47 | 25 | 1 | $100(3,738)$ |
|  | K40 | 4 | 23 | 46 | 26 | 0 | $99(1,833)$ |
|  | M34 | 5 | 22 | 49 | 24 | 1 | $101(1,905)$ |
| X (1998) | K+M | 5 | 21 | 46 | 26 | 1 | $99(2,680)$ |
|  | K38 | 6 | 22 | 45 | 26 | 1 | $100(1,339)$ |
|  | M34 | 5 | 20 | 48 | 27 | 1 | $101(1,341)$ |

\#1.4c Occupation
(JPN)
Which describes the kind of work you do?

| $\mathbf{1}$ | Farmers, lumbermen and fishermen |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Shop and factory proprietors |  |  |
| $\mathbf{3}$ | Professionals |  |  |
| $\mathbf{4}$ | Managers and officials |  |  |
| $\mathbf{5}$ | White-collar workers |  |  |
| $\mathbf{6}$ | Blue-collar workers |  |  |
| $\mathbf{7}$ | Housewives | $\mathbf{9}$ | D.K. |
| $\mathbf{8}$ | Students and no occupation |  |  |


|  |  | 1 2 <br> 0  <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 0 <br> 0 4 <br> 0  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0.0 \\ & 0 . \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  |  |  | 8 $B$ 0 0 0 0 0 0 0 0 0 0 0 0 |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |  |
| V (1973) | K+M | $13 \quad 10$ | 5 | 3 | 16 | 16 | 26 | 10 | 1 | $100(4,594)$ |
|  | K | 13.10 | 5 | 3 | 16 | 16 | 26 | 10 | 1 | $100(3,055)$ |
|  | M30 | 1311 | 5 | 2 | 15 | 16 | 27 | 10 | 1 | $100(1,539)$ |
| VI (1978) | * |  |  |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |  |  |
| VIII (1988) | K+M | $7 \quad 12$ | 7 | 5 | 16 | 20 | 18 | 13 | 1 | $99(3,682)$ |
|  | K b | 713 | 8 | 5 | 15 | 21 | 18 | 13 | 1 | $101(1,858)$ |
|  | M b | $8 \quad 12$ | 7 | 5 | 17 | 20 | 18 | 13 | 1 | $101(1,824)$ |
| IX (1993) | K+M | $7 \quad 12$ | 5 | 6 | 17 | 24 | 19 | 10 | 1 | $101(3,738)$ |
|  | K41b | 713 | 5 | 6 | 16 | 25 | 19 | 9 | 1 | $101(1,833)$ |
|  | M35b | $7 \quad 11$ | 5 | 6 | 17 | 24 | 19 | 11 | 0 | $100(1,905)$ |
| X (1998) | K+M | $6 \quad 12$ | 5 | 5 | 16 | 23 | 18 | 15 | 0 | $100(2,680)$ |
|  | K39 | 511 | 5 | 5 | 16 | 23 | 18 | 16 | 0 | $99(1,339)$ |
|  | M35 | 713 | 4 | 5 | 16 | 23 | 18 | 14 | 0 | $100(1,341)$ |

\#1.5 Urban vs. rural


1) Tokyo, Yokohama, Nagoya, Kyoto, Osaka, Kobe

## \#1. 6 Regional distribution

| $\mathbf{1}$ | Hokkaido |
| :--- | :--- |
| $\mathbf{2}$ | Tohoku |
| $\mathbf{3}$ | Kanto |
| $\mathbf{4}$ | Chubu(East) |
| $\mathbf{5}$ | Chubu(West) |
| $\mathbf{6}$ | Kinki |
| $\mathbf{7}$ | Chugoku |
| $\mathbf{8}$ | Shikoku |
| $\mathbf{9}$ | Kyushu |


|  |  |  |  | $\begin{aligned} & 3 \\ & \text { 중 } \\ & \text { 융 } \end{aligned}$ |  |  |  | $\begin{aligned} & 7 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) ${ }^{1}$ | --- | 5 | 14 | 17 | 12 | 9 | 11 |  | $16$ | 16 | $100(1,370)$ |
| II (1958) | --- | 5 | 10 | 24 | 8 | 9 | 14 | 8 | 5 | 15 | $98(2,369)$ |
| III (1963) | --- | 5 | 10 | 23 | 9 | 10 | 17 | 8 | 4 | 13 | $99(2,698)$ |
| IV (1968) | --- | 5 | 10 | 25 | 9 | 9 | 16 | 8 | 4 | 13 | $99(3,033)$ |
| V (1973) | K+M | 4 | 9 | 28 | 8 | 10 | 18 | 7 | 3 | 13 | $100(4,594)$ |
|  | K | 4 | 9 | 28 | 8 | 10 | 17 | 7 | 3 | 13 | $99(3,055)$ |
|  | M | 5 | 9 | 28 | 7 | 11 | 18 | 7 | 3 | 12 | $100(1,539)$ |
| VI (1978) | K+M | 4 | 9 | 28 | 8 | 11 | 18 | 7 | 3 | 12 | $100(3,945)$ |
|  | K | 4 | 9 | 28 | 8 | 11 | 18 | 7 | 3 | 12 | $100(2,032)$ |
|  | M | 4 | 9 | 28 | 8 | 11 | 18 | 6 | 3 | 13 | $100(1,913)$ |
| VII (1983) | K+M | 4 | 9 | 29 | 8 | 10 | 17 | 7 | 4 | 12 | $100(4,429)$ |
|  | K | 4 | 9 | 29 | 8 | 10 | 17 | 7 | 4 | 11 | $99(2,256)$ |
|  | M | 5 | 8 | 28 | 8 | 10 | 17 | 7 | 4 | 12 | $99(2,173)$ |
| VIII (1988) | K+M | 5 | 8 | 26 | 10 | 10 | 17 | 7 | 4 | 12 | $99(3,682)$ |
|  | K | 5 | 8 | 27 | 10 | 10 | 17 | 7 | 4 | 12 | $100(1,858)$ |
|  | M | 5 | 9 | 26 | 10 | 9 | 17 | 8 | 4 | 12 | $100(1,824)$ |
| X (1993) | K+M | 5 | 8 | 29 | 9 | 10 | 15 | 7 | 4 | 13 | $100(3,738)$ |
|  | K | 5 | 8 | 28 | 9 | 10 | 15 | 8 | 4 | 13 | $100(1,833)$ |
|  | M | 5 | 8 | 29 | 9 | 10 | 16 | 7 | 4 | 13 | $101(1,905)$ |
| X (1998) | K+M | 5 | 8 | 27 | 8 | 10 | 18 | 8 | 4 | 13 | $101(2,680)$ |
|  | K | 5 | 8 | 27 | 8 | 9 | 17 | 8 | 4 | 13 | $99(1,339)$ |
|  | M | 5 | 8 | 27 | 8 | 10 | 18 | 8 | 4 | 12 | $100(1,341)$ |

1) for rural population only

## \#1.8 Self-identified social stratum

(USA88)
(Hand card) Using the classifications on this card, how would you classify your current standard of living?

| $\mathbf{1}$ | Upper |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Upper middle |  |  |
| $\mathbf{3}$ | Middle |  |  |
| $\mathbf{4}$ | Lower middle |  |  |
| $\mathbf{5}$ | Lower |  |  |
| $\mathbf{6}$ | Other (Specify) | $\mathbf{7}$ | D.K. |


|  |  | $\begin{gathered} 1 \\ \text { 曷 } \end{gathered}$ |  | $$ |  | $\begin{aligned} & \mathbf{5} \\ & \mathbf{0} \\ & \text { K } \\ & \text { n } \end{aligned}$ | $\begin{aligned} & 6 \\ & 0 \\ & \underset{\sim}{4} \end{aligned}$ | $\begin{aligned} & 7 \\ & \forall \\ & \underset{\chi}{2} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |
| VII (1983) | K+M | 2 | 12 | 53 | 26 | 5 | 0 | 2 | $100(4,429)$ |
|  | K33 | 2 | 13 | 53 | 24 | 5 | 0 | 2 | $99(2,256)$ |
|  | M30 | 1 | 11 | 52 | 28 | 5 | 0 | 3 | $100(2,173)$ |
| VIII (1988) | K+M | 1 | 12 | 52 | 27 | 5 | 0 | 2 | $99(3,682)$ |
|  | K32 | 2 | 12 | 52 | 27 | 5 | 0 | 2 | $100(1,858)$ |
|  | M23 | 1 | 13 | 51 | 27 | 5 | 0 | 3 | $100(1,824)$ |
| IX (1993) | K+M | 1 | 12 | 58 | 23 | 3 | - | 2 | $99(3,738)$ |
|  | K37 | 1 | 11 | 57 | 23 | 4 | - | 3 | $99(1,833)$ |
|  | M22 | 2 | 12 | 58 | 23 | 2 | - | 2 | $99(1,905)$ |
| X (1998) | M24 | 1 | 10 | 57 | 26 | 4 | - | 2 | $100(1,341)$ |

Cf. (UK87)
From the answers on this card, how would you classify your standard of living?

## §2 Attitudes toward Life and Environment

## \#2.1 Custom vs. conscience

(USA88 98)
If you think something is right, do you think you should go ahead and do it even if it is contrary to usual custom, or do you think you are less apt to make a mistake if you follow custom?

| $\mathbf{1}$ | Go ahead even if contrary |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Follow custom |  |  |
| $\mathbf{3}$ | Undecided/it depends | $\mathbf{5}$ | D.K. |
| $\mathbf{4}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & 0 \\ & \text { O } \\ & \text { B } \\ & 2 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & 2 \\ & 2 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{gathered} 3 \\ \text { ~ } \\ \text { ~ } \\ \text { 苟 } \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{gathered}$ | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{+}{\phi} \end{aligned}$ | $\begin{aligned} & 5 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 4 | 41 | 35 | 19 | 1 | 4 | $100(2,254)$ |
| II (1958) | $107$ | 41 | 35 | 19 | 1 | 4 | $100(2,369)$ |
| III (1963) | 7 | 40 | 32 | 25 | 1 | 2 | $100(2,698)$ |
| IV (1968) | 8 | 42 | 34 | 20 | 2 | 2 | $100(3,033)$ |
| V (1973) | K11 | 36 | 32 | 29 | 0 | 3 | $100(3,055)$ |
| VI (1978) | K 6 | 30 | 42 | 24 | 2 | 2 | $100(2,032)$ |
| VII (1983) | K+M | 29 | 39 | 29 | 1 | 2 | $100(4,429)$ |
|  | K 6 | 30 | 37 | 30 | 1 | 2 | $100(2,256)$ |
|  | M 5 | 29 | 40 | 28 | 1 | 2 | $100(2,173)$ |
| VIII (1988) | K 7 | 27 | 36 | 35 | 1 | 2 | $101(1,858)$ |
| IX (1993) | K 6 | 26 | 30 | 42 | 0 | 2 | $100(1,833)$ |
| X (1998) | K 7 | 27 | 32 | 39 | 0 | 2 | $100(1,339)$ |

Cf. (UK87)
If you think a thing is right, do you think you should go ahead and do it even if it is contrary to usual custom, or do you think you are less apt to make a mistake if you follow custom?

1 Go ahead
2 Follow custom
3 Undecided/it depends
4 Other (Specify)
5 D.K.
\#2.2b Consensus vs. own principle
(JPN)
(Hand card) Which of the two people described on this card would you like best?
1 A person who stresses his/her own principles
2 A person who stresses the importance of achieving a consensus among other group members
3 Other (Specify) $4 \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{\rightharpoonup}{0} \\ & \text { R } \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \underset{X}{4} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | K13 | 44 | 50 | 4 | 2 | $100(2,032)$ |
| VII (1983) | K27 | 45 | 51 | 2 | 2 | $100(2,256)$ |
| VIII (1988) | K25 | 42 | 54 | 2 | 2 | $100(1,858)$ |
| IX (1993) | K28 | 38 | 56 | 2 | 4 | $100(1,833)$ |
| X (1998) | K29 | 43 | 54 | 1 | 2 | $100(1,339)$ |

Cf. (USA88 98)
1 A person who stresses his/her own principles rather than achieving a consensus among other group members
2 A person who stresses the importance of achieving a consensus among other group members rather than maintaining his/her own principles
3 Other (Specify)
4 D.K.
Cf. (UK87)
Which of the following personality types do you like better?
1 A person who thinks the most important thing is to follow his principles when making a decision
2 A person who thinks the most important thing is to maintain harmony in his relations with others when making a decision
3 Other (Specify)
4 D.K.
\#2.3d $\quad$ Satisfaction with society
(JPN)
(Hand card) How do you feel about society?

```
1 Satisfied
2 Rather satisfied
3 Rather dissatisfied
4 \text { Dissatisfied}
5 Other (Specify) 6 D.K.
```

|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { R } \\ & \text { Z } \end{aligned}$ |  |  |  |  | $\begin{aligned} & 5 \\ & 0 \\ & \text { 웁 } \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M 9b | 6 | 20 | 37 | 30 | 1 | 6 | $100(1,539)$ |
| VI (1978) | M 5b | 9 | 28 | 38 | 19 | 1 | 5 | $100(1,913)$ |
| VII (1983) | K+M | 9 | 31 | 39 | 18 | 1 | 2 | $100(4,429)$ |
|  | K32b | 9 | 29 | 39 | 20 | 1 | 2 | $100(2,256)$ |
|  | M19 | 9 | 34 | 39 | 16 | 1 | 2 | $101(2,173)$ |
| VIII (1988) | K+M | 6 | 29 | 43 | 18 | 1 | 3 | $100(3,682)$ |
|  | K31b | 7 | 28 | 44 | 19 | 1 | 2 | $101(1,858)$ |
|  | M20b | 6 | 30 | 42 | 18 | 1 | 3 | $100(1,824)$ |
| IX (1993) | M20a | 6 | 44 | 38 | 10 | 0 | 2 | $100(1,905)$ |
| X (1998) | M21a | 4 | 24 | 50 | 21 | 0 | 2 | $101(1,341)$ |

\#2.3i Satisfaction with work and workplace
(JPN)
(Hand card) What about work and the workplace?

| $\mathbf{1}$ | Satisfied |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Rather satisfied |  |  |
| $\mathbf{3}$ | Rather dissatisfied |  |  |
| $\mathbf{4}$ | Dissatisfied | $\mathbf{6}$ | D.K. |
| $\mathbf{5}$ | Other (Specify) |  |  |


|  |  |  |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{+}{\stackrel{1}{9}} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{X}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M20b | 16 | 42 | 21 | 3 | 1 | 16 | $99(1,905)$ |
| X (1998) | M21b | 13 | 38 | 27 | 6 | 0 | 16 | $100(1,341)$ |

\#2.3c $\quad$ Satisfaction with family life
(JPN)
(Hand card) What about your family life-the time you spend and the things you do with members of your family?

```
1 Satisfied
2 Rather satisfied
3 Rather dissatisfied
4 \text { Dissatisfied}
5 Other (Specify)
D D.K.
```

|  |  |  |  |  |  | $\begin{aligned} & 5 \\ & 0 \\ & \stackrel{+}{+} \\ & \stackrel{\oplus}{9} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \dot{X} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M 9a | 47 | 33 | 13 | 5 | 1 | 1 | $100(1,539)$ |
| VI (1978) | M 5a | 54 | 32 | 8 | 4 | 0 | 1 | $99(1,913)$ |
| VII (1983) | K32a | 53 | 33 | 10 | 3 | 0 | 1 | $100(2,256)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M20c | 51 | 40 | 7 | 1 | 0 | 0 | $99(1,905)$ |
| X (1998) | M21c | 44 | 44 | 10 | 1 | 0 | 1 | $100(1,341)$ |

Cf. (USA88)
All things considered, how satisfied are you with your family life-the time you spend and the things you do with members of your family?

1 Completely satisfied
2 Somewhat satisfied
3 Neither completely satisfied nor completely dissatisfied (neutral)
4 Somewhat dissatisfied
5 Completely disṡatisfied
6 Other(Specify)
7 D.K.
Cf. (UK87)
All things considered how satisfied are you with your family life, that is the time you spend and the things you do with members of your family?

1 Very satisfied
2 Fairly satisfied
3 Neither satisfied nor dissatisfied
4 Fairly dissatisfied
5 Very disssatisfied
6 D.K.
\#2.3j $\quad$ Satisfaction with leisure hours
(JPN)
(Hand card) What about how you're spending your free time (leisure hours)?

| $\mathbf{1}$ Satisfied <br> $\mathbf{2}$ Rather satisfied <br> $\mathbf{3}$ Rather dissatisfied <br> $\mathbf{4}$ Dissatisfied <br> $\mathbf{5}$ Other (Specify) |  |  |  |  |  |  | 6 | D.K. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 0 \\ & \text { O} \\ & \text { P } \\ & \text { Z } \\ & 0 \end{aligned}$ |  |  |  |  |  | 6 <br> $\vdots$ | Total |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M20d | 20 | 48 | 25 | 6 | 0 | 2 | $101(1,905)$ |
| X (1998) | M21d | 22 | 48 | 22 | 5 | 0 | 2 | $99(1,341)$ |

## \#2.3k $\quad$ Satisfaction with health

(JPN)
(Hand card) What about your health?

| $\mathbf{1}$ | Satisfied |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Rather satisfied |  |  |
| $\mathbf{3}$ | Rather dissatisfied |  |  |
| $\mathbf{4}$ | Dissatisfied |  |  |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \text { Z } \end{aligned}$ |  |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{+}{6} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{\sim}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M20e | 34 | 41 | 21 | 4 | 0 | 0 | $100(1,905)$ |
| X (1998) | M21e | 27 | 41 | 24 | 7 | - | 0 | $99(1,341)$ |

## \#2.31 Satisfaction with life in general <br> (JPN)

(Hand card) What about your life in general?
1 Satisfied
2 Rather satisfied
3 Rather dissatisfied
4 Dissatisfied
5 Other (Specify) $6 \quad$ D.K.

|  | $\begin{aligned} & \text { O} \\ & \underset{\sim}{6} \\ & \text { Z } \\ & \vdots \end{aligned}$ |  |  |  | 4 <br> $\underset{W}{0}$ <br>  <br>  <br> 0 <br> 0 <br> 0 | $$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{X}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M20f | 23 | 58 | 17 | 3 | 0 | 0 | $101(1,905)$ |
| X (1998) | M21f | 21 | 55 | 20 | 3 | 0 | 0 | $99(1,341)$ |

## \#2.4 Attitudes toward life

(USA88=UK87)
(Hand card) There are all sorts of attitudes toward life. Which one of the following statements would you say comes closest to your way of life?

| $\mathbf{1}$ | Work hard and get rich |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Study earnestly and make a name for yourself |  |  |
| $\mathbf{3}$ | Don't think about money or fame; just live a life that suits your own taste |  |  |
| $\mathbf{4}$ | Live each day as it comes, cheerfully and without worrying |  |  |
| $\mathbf{5}$ | Resist all evils in the world and live a pure and just life |  |  |
| $\mathbf{6}$ | Never think of yourself, give everything in service of society |  |  |
| $\mathbf{7}$ | Other (Specify) | $\mathbf{8}$ | D.K. |


|  |  |  |  |  |  |  | $\begin{gathered} \mathbf{6} \\ 3 \\ \vdots \\ 0 \\ 0 \\ \leq \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline \end{gathered}$ | $\begin{aligned} & 7 \\ & 0 \\ & 0 \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | 8 <br> $\bullet$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 39 | 15 | 6 | 21 | 11 | 29 | 10 | 4 | 4 | $100(2,254)$ |
| III (1958) | 22 | 17 | 3 | 26 | 19 | 22 | 6 | 3 | 3 | 99 ( 920) |
| III (1963) | 26 | 17 | 4 | 30 | 19 | 18 | 6 | 3 | 3 | $100(2,698)$ |
| IV (1968) | 31 | 17 | 3 | 32 | 20 | 17 | 6 | 2 | 3 | $100(3,033)$ |
| V (1973) | K34 | 14 | 3 | 39 | 23 | 11 | 4 | 2 | 3 | $99(3,055)$ |
| VI (1978) | K19 | 14 | 2 | 39 | 22 | 11 | 7 | 2 | 4 | $101(2,032)$ |
| VII (1983) | K+M | 18 | 2 | 38 | 23 | 9 | 5 | 2 | 4 | $101(4,429)$ |
|  | K20 | 20 | 2 | 38 | 20 | 10 | 6 | 2 | 4 | $102(2,256)$ |
|  | M20 | 15 | 2 | 38 | 26 | 9 | 4 | 2 | 3 | $99(2,173)$ |
| VIII (1988) | K+M | 15 | 3 | 41 | 23 | 9 | 4 | 2 | 3 | $100(3,682)$ |
|  | K18 | 17 | 3 | 38 | 23 | 9 | 4 | 2 | 3 | $99(1,858)$ |
|  | M 9 | 13 | 2 | 44 | 23 | 9 | 4 | 2 | 3 | $100(1,824)$ |
| IX (1993) | K+M | 17 | 3 | 40 | 26 | 6 | 4 | 2 | 3 | $101(3,738)$ |
|  | K22 | 17 | 2 | 38 | 25 | 6 | 5 | 3 | 3 | $99(1,833)$ |
|  | M10 | 16 | 3 | 41 | 26 | 6 | 4 | 1 | 3 | $100(1,905)$ |
| X (1998) | K22 | 15 | 3 | 41 | 23 | 8 | 4 | 2 | 4 | $100(1,339)$ |

## \#2.5 Man and nature

(USA88=UK87)
(Hand card) Here are three opinions about man and nature. Which one of these do you think is closest to the truth?

| $\mathbf{1}$ | In order to be happy, man must follow nature |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | In order to be happy, man must make use of nature |  |  |
| $\mathbf{3}$ | In order to be happy, man must conquer nature |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & z \\ & \vdots \end{aligned}$ |  |  |  | $\begin{aligned} & \mathbf{4} \\ & 0 \\ & 0 \\ & \text { 苞 } \end{aligned}$ | $\begin{aligned} & 5 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 34 | 26 | 41 | 23 | 1 | 8 | $99(2,254)$ |
| II (1958) | 15 | 20 | 37 | 28 | 1 | 13 | $99(920)$ |
| III (1963) | 15 | 19 | 40 | 30 | 1 | 10 | $100(2,698)$ |
| IV (1968) | 17 | 19 | 40 | 34 | 1 | 7 | $101(3,033)$ |
| V (1973) | K+M | 31 | 45 | 17 | 1 | 7 | $101(4,594)$ |
|  | K23 | 30 | 45 | 16 | 1 | 7 | $99(3,055)$ |
|  | M20 | 32 | 44 | 18 | 1 | 6 | $101(1,539)$ |
| VI (1978) | K16 | 33 | 44 | 16 | 1 | 6 | $100(2,032)$ |
| VII (1983) | K+M | 36 | 47 | 11 | 1 | 4 | $99(4,429)$ |
|  | K17 | 41 | 41 | 12 | 1 | 4 | $99(2,256)$ |
|  | M17 | 31 | 53 | 11 | 1 | 4 | $100(2,173)$ |
| VIII (1988) | K15 | 42 | 44 | 9 | 1 | 4 | $100(1,858)$ |
| IX (1993) | K19 | 48 | 38 | 7 | 0 | 7 | $100(1,833)$ |
| X (1998) | K19 | 49 | 39 | 6 | 1 | 5 | $100(1,339)$ |

## \#2.7 The most important thing in life

(USA88 $=$ UK87)
What is the single most important thing in life for you? Please tell me one thing only.
(Anything will do.)

```
(Free answer)
```

|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { P } \\ & \text { Z } \end{aligned}$ |  | $\begin{aligned} & 2 \\ & Q \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{3} \\ & \text { 01 } \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ |  |  | $\begin{gathered} 6 \\ \stackrel{5}{0} \\ \vdots \\ \hline \end{gathered}$ | $\sum_{\substack{x}}^{7}$ |  | $\begin{aligned} & 9 \\ & 0 \\ & \underset{\sim}{4} \\ & \underset{9}{+} \end{aligned}$ | $\begin{gathered} 10 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 4 \\ \hline \end{gathered}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |  |  |
| II (1958) | $\begin{array}{r} 29 \\ 129 \end{array}$ | 22 | 11 | 12 | 3 | 15 | 16 | 7 | 6 | 1 | 6 | $99(2,369)$ |
| III (1963) | 29 | 28 | 10 | 13 | 3 | 11 | 19 | 5 | 3 | 1 | 7 | $100(2,698)$ |
| IV (1968) | 34 | 29 | 9 | 13 | 3 | 9 | 22 | 5 | 4 | 1 | 6 | $101(3,033)$ |
| V (1973) | K41 | 21 | 8 | 18 | 2 | 9 | 22 | 5 | 5 | 1 | 10 | $101(3,055)$ |
| VI (1978) | K32 | 23 | 7 | 23 | 1 | 6 | 27 | 6 | 4 | 1 | 3 | $101(2,032)$ |
| VII (1983) | K13 | 22 | 9 | 31 | 2 | 8 | 19 | 5 | 1 | 1 | 3 | $101(2,256)$ |
| VIII (1988) | K11 | 22 | 10 | 33 | 2 | 6 | 18 | 3 | 1 | 2 | 4 | $101(1,858)$ |
| IX (1993) | K10 | 17 | 10 | 42 | 1 | 4 | 16 | 3 | 1 | 2 | 4 | $100(1,833)$ |
| X (1998) | K10a | 22 | 9 | 40 | 1 | 3 | 17 | 3 | 2 | 1 | 3 | $101(1,339)$ |

Note:
Due to a revision of the classification rules, numerical values are slightly different from those published previously.

1) Life, health, self
2) $I e$, ancestor
3) Money, wealth
4) Love, spirit, happiness
5) Work, credit
\#2.7a2 The second most important thing in life
(JPN)
What single thing do you think is the second most important in life?
(Anything will do.)


|  |  | 1 <br> 0 <br>  <br>  <br>  | $\begin{aligned} & 2 \\ & Q \\ & 2 \end{aligned}$ |  | $\begin{gathered} 4 \\ 0 \\ 0 \\ 0.0 \\ \stackrel{0}{+} \\ \stackrel{N}{0} \end{gathered}$ | $\begin{aligned} & \mathbf{5} \\ & \sum_{0,} \\ & \stackrel{\infty}{5} \\ & \stackrel{\omega}{0} \end{aligned}$ | $$ |  | $\begin{aligned} & 8 \\ & \mathbb{N} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 9 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |  |  |  |  |
| X (1998) | K10b | 16 | 5 | 22 | 1 | 17 | 18 | 8 | 4 | 2 | 8 | $101(1,339)$ |

1) Life, health, self
2) $I e$, ancestor
3) Money, wealth
4) Love, spirit, happiness
5) Work, credit

## \#2.8 If had enough money, still work?

(USA88)
If you were to get enough money to live as comfortably as you would like for the rest of your life, would you continue to work or would you stop working?

1 Continue to work
2 Stop working
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \text { P } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & 1 \\ & \text { 1 } \\ & \text { O } \\ & \text { B } \\ & \text { E } \\ & 0 \\ & \text { O } \\ & \text { Z } \\ & \end{aligned}$ |  | $$ | $\begin{aligned} & 4 \\ & \forall \\ & \underset{\sim}{*} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | M 2 | 70 | 25 | 3 | 2 | $100(1,539)$ |
| VI (1978) | K 1 | 69 | 25 | 3 | 3 | $100(2,032)$ |
| VII (1983) | K+M | 70 | 24 | 3 | 3 | $100(4,429)$ |
|  | K 2 | 73 | 23 | 2 | 2 | $100(2,256)$ |
|  | M 1 | 67 | 25 | 4 | 3 | $99(2,173)$ |
| VIII (1988) | K+M | 65 | 28 | 5 | 3 | $101(3,682)$ |
|  | K 3 | 68 | 25 | 5 | 2 | $100(1,858)$ |
|  | M 1 | 62 | 30 | 5 | 3 | $100(1,824)$ |
| IX (1993) | M 1 | 60 | 33 | 2 | 5 | $100(1,905)$ |
| X (1998) | M 4 | 64 | 31 | 1 | 4 | $100(1,341)$ |

Cf. (UK87)
If you were to get enough money to live as comfortably as you would like for the rest of your life, would you still want to work or would you stop working?

1 Would still want to work
2 Stop working
3 Other (Specify)
4 D.K.
\#2.10 Happiness or social contribution
(JPN)
(Hand card) Two people express the following different views. Which do you agree with?

1 Having been born into this world, the most important thing is to live happily
2 Having been born into this world, one would like to do something, even if it's a small thing, to make the world a better place
3 Other (Specify) 4 D.K.

|  |  |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{6} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & i \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | M11 | 27 | 66 | 2 | 4 | $99(1,539)$ |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | K25 | 35 | 62 | 1 | 2 | $100(1,339)$ |

\#2.11 Self gratification or social benefit
(JPN)
(Hand card) Which of these two approaches to life do you agree with?
1 Do what you want to do, even if it doesn't benefit other people
2 Do what is of benefit to other people, whether or not it is what you want to do yourself
3 Other (Specify)
1 D.K.

|  |  |  | 2 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \text { P } \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | M 6 | 35 | 55 | 5 | 5 | $100(1,913)$ |
| VII (1983) | K21a | 37 | 55 | 4 | 5 | $101(2,256)$ |
| VIII (1988) | K+M | 42 | 49 | 4 | 4 | $99(3,682)$ |
|  | K19 | 40 | 52 | 5 | 4 | $101(1,858)$ |
|  | M10 | 44 | 47 | 4 | 5 | $100(1,824)$ |
| IX (1993) | M11 | 44 | 48 | 2 | 6 | $100(1,905)$ |
| X (1998) | M10 | 38 | 53 | 3 | 6 | $100(1,341)$ |

\#2.12 Are people helpful to others?
(USA88)
Would you say that most of the time, people try to be helpful, or that they are mostly just looking out for themselves?

| $\mathbf{1}$ | Try to be helpful |  |  |
| :--- | :--- | ---: | :--- |
| $\mathbf{2}$ | Look out for themselves |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  | $\begin{aligned} & \text { O} \\ & \text { た } \\ & \text { Z } \\ & ! \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| V (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | K27 | 19 | 74 | 3 | 4 | $100(2,032)$ |
| VII (1983) | K 7 | 24 | 62 | 9 | 5 | $100(2,256)$ |
| 略 (1988) | * |  |  |  |  |  |
| IX (1993) | K14 | 29 | 58 | 5 | 7 | $99(1,833)$ |
| X (1998) | K14 | 30 | 60 | 3 | 6 | $99(1,339)$ |

[^0]\#2.12b Are most people fair?
(JPN)
Do you think that most people would try to take advantage of you if they got the chance, or will they not take advantage?

## 1 Take advantage

2 Will not take advantage
3 Other (Specify) 4 D.K.

|  | $\begin{aligned} & 0 \\ & \text { O} \\ & \text { O} \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \stackrel{1}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \bullet \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | K28 | 39 | 53 | 3 | 5 | $100(2,032)$ |
| VII (1983) | K 8 | 29 | 59 | 7 | 5 | $100(2,256)$ |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | K15 | 25 | 65 | 2 | 8 | $100(1,833)$ |
| X (1998) | K15 | 28 | 61 | 2 | 9 | $100(1,339)$ |

Cf. (USA88)
Do you think that most people would try to take advantage of you if they got the chance, or would they try to be fair?

Cf. (UK87)
1 Would take advantage
2 Would try to be fair
3 Other (Specify)
4 D.K.
\#2.12c Are most people trust worthy?
(USA88)
Generally speaking, would you say that most people can be trusted or that you can't be too careful in dealing with people?

| $\mathbf{1}$ | Can be trusted |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Can't be too careful |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & \stackrel{\rightharpoonup}{0} \\ & \text { B } \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & \mathbf{3} \\ & 0 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | K29 | 26 | 68 | 3 | 3 | $100(2,032)$ |
| VII (1983) | K 9 | 31 | 61 | 5 | 2 | $99(2,256)$ |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | K16 | 38 | 55 | 3 | 4 | $100(1,833)$ |
| X (1998) | K16 | 33 | 62 | 2 | 4 | $101(1,339)$ |

Cf. (UK87)
1 Can be trusted
2 Cannnot be too careful
3 Other (Specify)
4 D.K.
\#2.13 Goals of youth
(JPN)
(Hand card) Youth is a time both for preparing for the future and also for enjoying the present. Which of the two do you think young people ought to put the emphasis on?

1 Preparing for the future
2 Enjoying the present
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \overparen{0} \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $4$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | M 7 | 72 | 23 | 2 | 2 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | K20 | 69 | 27 | 3 | 2 | $101(1,858)$ |
| IX (1993) | M13 | 67 | 29 | 2 | 2 | $100(1,905)$ |
| X (1998) | M12 | 65 | 30 | 2 | 3 | $100(1,341)$ |

\#2.30 Extent of worry: serious illness
(JPN)
(Hand card) To what extent do you worry, either for yourself or for your family, about each of the following? Would you say very much, pretty much, slightly, or not at all?

First of all, how much do you worry about serious illness?
1 Very much
2 Pretty much
3 Slightly
4 Not at all
5 Other (Specify) $6 \quad$ D.K.

|  | $$ |  | $$ |  |  | $\begin{aligned} & 5 \\ & \text { o } \\ & \stackrel{\rightharpoonup}{6} \end{aligned}$ | $\stackrel{6}{\square}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | M25a | 29 | 27 | 35 | 8 | 0 | 1 | $100(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M15a | 27 | 23 | 35 | 15 | - | 0 | $100(1,341)$ |

Cf. (USA88)
To what extent do you worry, either for yourself or for your family, about each of the following? Would you say very much, somewhat, slightly, or not at all?

1 Very much
2 Somewhat
3 Slightly
4 Not at all
5 Other (Specify)
6 D.K.
Cf. (UK87)
From the answers on this card, to what extent do you worry, either yourself or for your family about each of the following?
$\frac{\# 2.30 \mathrm{c} \quad \text { Extent of worry: violence around town }}{\text { (JPN) }}$
(Hand card) How much do you worry about violence around town?

$$
\begin{array}{lllll}
\mathbf{1} & \text { Very much } & & \\
\mathbf{2} & \text { Pretty much } & & \\
\mathbf{3} & \text { Slightly } & & \\
\mathbf{4} & \text { Not at all } & \mathbf{6} & \text { D.K. } \\
\mathbf{5} & \text { Other (Specify) } &
\end{array}
$$

|  | $\begin{aligned} & 0 \\ & 0 \\ & \text { O} \\ & 2 \\ & \square \end{aligned}$ | $\begin{aligned} & \mathbf{1} \\ & \text { ß } \\ & \text { 8 } \\ & B \\ & 0 \end{aligned}$ | $\begin{aligned} & 2 \\ & 0 \\ & 0 \\ & \stackrel{0}{4} \\ & \text { B } \\ & B \\ & 0 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & \mathbf{4} \\ & Z \\ & \ddot{C} \\ & \stackrel{+}{+} \\ & \ddot{y} \end{aligned}$ | $\begin{aligned} & 5 \\ & 0 \\ & \stackrel{4}{9} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | M25c | 23 | 20 | 37 | 17 | 1 | 2 | $100(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M15b | 16 | 22 | 39 | 23 | - | 1 | $101(1,341)$ |

\#2.30d Extent of worry: traffic accident
(JPN)
(Hand card) How about traffic accidents?
1 Very much
2 Pretty much
3 Slightly
4 Not at all
5 Other (Specify) $6 \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & 0 \\ & \text { O} \\ & \text { Z } \\ & 0 \end{aligned}$ | $\begin{aligned} & 1 \\ & \widehat{0} \\ & \text { B } \\ & \text { B } \\ & \text { B } \end{aligned}$ | $\begin{aligned} & \mathbf{2} \\ & 0 \\ & 0 \\ & 0 \\ & \mathbb{U} \\ & B \\ & B \\ & B \end{aligned}$ | $\begin{aligned} & 3 \\ & \Omega \\ & 0 \\ & \text { 㫛 } \\ & \stackrel{4}{4} \end{aligned}$ | $\begin{aligned} & 4 \\ & Z \\ & \vdots \\ & 0 \\ & \stackrel{+}{+} \\ & \ddot{O} \end{aligned}$ | $\begin{aligned} & 5 \\ & 0 \\ & \underset{\sim}{6} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{X}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | M25d | 43 | 34 | 19 | 3 | 0 | 1 | $100(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M15c | 30 | 38 | 27 | 6 | 0 | 0 | $101(1,341)$ |

Cf. (USA88)
1 Very much
2 Somewhat
3 Slightly
4 Not at all
5 Other (Specify)
6 D.K.
\#2.30e Extent of worry: unemployment
(JPN)
(Hand card) How about unemployment?

| $\mathbf{1}$ | Very much |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Pretty much |  |  |
| $\mathbf{3}$ | Slightly |  |  |
| $\mathbf{4}$ | Not at ail |  |  |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ | D.K. |


|  |  | $\begin{aligned} & 1 \\ & \widehat{8} \\ & 8 \\ & 8 \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{2} \\ & 0 \\ & 0 \\ & 0 \\ & 4 \\ & B \\ & B \\ & 0 \end{aligned}$ |  | 4 2 0 0 $\ddot{0}$ $\ddot{y}$ | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 6 \\ & 0 \\ & \underset{y}{6} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | M25e | 23 | 19 | 31 | 23 | 1 | 2 | $99(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M15d | 20 | 25 | 31 | 21 | 0 | 3 | $100(1,341)$ |

Cf. (USA88)
1 Very much
2 Somewhat
3 Slightly
4 Not at all
5 Other (Specify)
6 D.K.
\#2.30f Extent of worry: war
(JPN)
(Hand card) How about war?

| $\mathbf{1}$ | Very much |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Pretty much |  |  |
| $\mathbf{3}$ | Slightly |  |  |
| $\mathbf{4}$ | Not at all | 6 | D.K. |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ |  |


|  |  | $\begin{aligned} & 1 \\ & \text { ® } \\ & \text { d } \\ & \text { B } \\ & \text { B } \end{aligned}$ | $$ | $$ |  | $\begin{aligned} & 5 \\ & 0 \\ & \text { 古 } \end{aligned}$ | $\begin{aligned} & \mathbf{6} \\ & \bullet \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | M25f | 34 | 19 | 31 | 13 | 1 | 2 | $100(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M15e | 26 | 16 | 34 | 23 | - | 1 | $100(1,341)$ |

Cf. (USA88)
1 Very much
2 Somewhat
3 Slightly
4 Not at all
5 Other (Specify)
6 D.K.
$\frac{\# 2.30 \mathrm{~g} \quad \text { Extent of worry：nuclear power accident }}{\text {（JPN）}}$
（Hand card）How about accidents at nuclear power plants？
1 Very much
2 Pretty much
3 Slightly
4 Not at all
5 Other（Specify）
6 D．K．

|  | $\begin{aligned} & \text { O } \\ & \text { ¢ } \\ & \text { Z } \\ & 0 \end{aligned}$ |  | $\begin{aligned} & 2 \\ & 0 \\ & 0 \\ & \text { 足 } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{gathered} 3 \\ \text { 足 } \\ \text { 要 } \\ \stackrel{4}{4} \end{gathered}$ | $$ | $\begin{aligned} & 5 \\ & 0 \\ & \stackrel{+}{2} \\ & \hline \end{aligned}$ | $\stackrel{6}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I（1953） | ＊ |  |  |  |  |  |  |  |
| II（1958） | ＊ |  |  |  |  |  |  |  |
| III（1963） | ＊ |  |  |  |  |  |  |  |
| IV（1968） | ＊ |  |  |  |  |  |  |  |
| V（1973） | ＊ |  |  |  |  |  |  |  |
| VI（1978） | ＊ |  |  |  |  |  |  |  |
| VII（1983） | M25g | 26 | 20 | 36 | 13 | 1 | 4 | $100(2,173)$ |
| VIII（1988） | ＊ |  |  |  |  |  |  |  |
| IX（1993） | ＊ |  |  |  |  |  |  |  |
| X（1998） | M15f | 26 | 26 | 32 | 14 | － | 2 | $100(1,341)$ |

Cf．（USA88）
1 Very much
2 Somewhat
3 Slightly
4 Not at all
5 Other（Specify）
6 D．K．
\#2.30h Extent of worry: household economic situation
(JPN)
(Hand card) How about in your recent household economic situation?

| 1 Very much <br> 2 Pretty much <br> 3 Slightly <br> 4 Not at all <br> 5 Other (Specify) |  |  |  |  |  |  | 6 | D.K. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 0 \\ & 0 \\ & \text { O } \\ & \text { Z } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & 1 \\ & \text { ه. } \\ & \text { B } \\ & \text { B } \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{2} \\ & 0 \\ & 0 \\ & 0 \\ & U \\ & B \\ & 0 \\ & 0 \end{aligned}$ |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{4}{4} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{\sim}{x} \end{aligned}$ | Total |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M15g | 18 | 31 | 38 | 13 | - | 1 | $101(1,341)$ |

\#2.80a Health problems: headaches, migraines
(JPN)
(Hand card) During the last four weeks have you suffered from any of the following?
Headaches or migraines?

$$
\begin{array}{llll}
\mathbf{1} & \text { Yes } & & \\
\mathbf{2} & \text { No } & & \\
\mathbf{3} & \text { Other (Specify) } & \mathbf{4} & \text { D.K. } \\
\hline
\end{array}
$$

|  | $\begin{aligned} & \stackrel{O}{\odot} \\ & \text { O } \\ & \text { Z } \\ & 0 \end{aligned}$ | $\underset{\substack{8}}{1}$ | 2 $\vdots$ 3 | 3 ¢ ¢ ¢ | $\stackrel{4}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M25a | 25 | 75 | 0 | 0 | $100(1,905)$ |
| X (1998) | M28a | 28 | 72 | - | - | $100(1,341)$ |

[^1]\#2.80b Health problems: backaches
(JPN)
(Hand card) Backaches?

| $\mathbf{1}$ | Yes |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | No |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  |  | $\underset{\sim}{1}$ | 2 3 3 | $\begin{aligned} & 3 \\ & 0 \\ & \text { + } \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $\stackrel{4}{\ominus}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M25b | 25 | 74 | 0 | 0 | $99(1,905)$ |
| X (1998) | M28b | 27 | 73 | - | - | $100(1,341)$ |

$$
\begin{aligned}
& \text { Cf. (USA88=UK87) } \\
& 1 \text { Yes } \\
& 2 \text { No } \\
& \text { 3 D.K. }
\end{aligned}
$$

\#2.80c Health problems: nervousness
(JPN)
(Hand card) Nervousness?

| $\mathbf{1}$ | Yes |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | No |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  |  | $\underset{\sim}{1}$ | 2 $\square$ $\square$ | $\begin{aligned} & \mathbf{3} \\ & 0 \\ & \stackrel{+}{6} \end{aligned}$ | - | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M25c | 38 | 62 | 0 | 0 | $100(1,905)$ |
| X (1998) | M28c | 46 | 54 | - | - | $100(1,341)$ |

Cf. (USA88=UK87)
1 Yes
2 No
3 D.K.
\#2.80d Health problems: depression
(JPN)
(Hand card) Depression?

| $\mathbf{1}$ | Yes |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | No |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \ddot{6} \\ & \square \\ & \hline 0 \end{aligned}$ | $\underset{\sim}{1}$ | 2 3 $\square$ | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \stackrel{0}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \underset{?}{*} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M25d | 8 | 92 | 0 | 0 | $100(1,905)$ |
| X (1998) | M28d | 10 | 90 | - | 0 | $100(1,341)$ |

Cf. (USA88=UK87)
1 Yes
2 No
3 D.K.

(Hand card) Insomnia?

| $\mathbf{1}$ | Yes |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | No |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  |  | $\stackrel{1}{\text { \% }}$ | $\begin{aligned} & 2 \\ & Z \\ & 6 \end{aligned}$ | $\begin{aligned} & \hline 3 \\ & \text { O } \\ & \stackrel{\rightharpoonup}{\square} \end{aligned}$ | $\begin{aligned} & \hline 4 \\ & \underset{y y}{*} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M25e | 15 | 85 | 0 | 0 | $100(1,905)$ |
| X (1998) | M28e | 18 | 82 | - | - | $100(1,341)$ |

Cf. (USA88=UK87)
1 Yes
2 No
3 D.K.

## §3 Religion

\#3.1 Religious faith
(JPN)
I would now like to ask you a few questions about religion. Do you have any personal religious faith?

| $\mathbf{1}$ | Yes |
| :--- | :--- |
| $\mathbf{2}$ | No |


|  | $\begin{aligned} & \text { O} \\ & \stackrel{0}{0} \\ & \text { Z } \\ & \text { Z } \end{aligned}$ | $\underset{\wp}{1}$ | $\begin{aligned} & 2 \\ & \text { Z } \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |
| II (1958) | 16a | 35 | 65 | 100 ( 920) |
| III (1963) | 28a | 31 | 69 | $100(2,698)$ |
| IV (1968) | 33a | 30 | 70 | $100(3,033)$ |
| V (1973) | K19a | 25 | 75 | $100(3,055)$ |
| VI (1978) | K11a | 34 | 66 | $100(2,032)$ |
| VII (1983) | K15a | 32 | 68 | $100(2,256)$ |
| VIII (1988) | K13a | 31 | 69 | $100(1,858)$ |
| IX (1993) | K12a | 33 | 67 | $100(1,833)$ |
| X (1998) | K12a | 29 | 71 | $100(1,339)$ |

[^2]
## \#3.2b Spirituality

(USA88 98)
Without reference to any of the established religions, do you think a religious attitude is important, or not important?

1 Important
2 Not important
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & 0 \\ & \text { O } \\ & \text { W } \\ & \text { Z } \end{aligned}$ | $$ |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{6} \end{aligned}$ | $$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | K15b | 80 | 11 | 5 | 4 | $100(2,256)$ |
| VIII (1988) | K13b | 72 | 15 | 8 | 5 | $100(1,858)$ |
| IX (1993) | K12b | 72 | 14 | 3 | 11 | $100(1,833)$ |
| X (1998) | K12b | 68 | 20 | 2 | 10 | $100(1,339)$ |

Cf. (UK87)
Without reference to any of the established religions, do you think that a religious attitude is important, or not?

1 Important
2 Not important
3 Other (Specify)
4 D.K.

Cf.
\#3.2 Spirituality
(JPN)
(To those who answered "Have not" to Q.\#3.1) Without reference to any of the established religions, do you think that a spirituality is important, or not important?
1 Important
2 Not important
3 Other (Specify) $\quad 4 \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \vdots \\ & \vdots \end{aligned}$ | 1 B O O On 0 | $\begin{aligned} & 2 \\ & 2 \\ & Z \\ & 0 \\ & \text { B } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $$ | $\begin{aligned} & 4 \\ & 0 \\ & 0 \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | 16c | 70 | 17 | 2 | 11 | 100 ( 600) |
| III (1963) | 28b | 77 | 13 | 4 | 6 | $100(1,870)$ |
| IV (1968) | 33b | 76 | 14 | 5 | 5 | $100(2,113)$ |
| V (1973) | K19b | 69 | 15 | 6 | 10 | $100(2,303)$ |
| VI (1978) | K11b | 74 | 13 | 4 | 8 | $99(1,335)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | * |  |  |  |  |  |

\#3.9 Prime Minister's visit to Ise Shrine
(JPN)
Some Prime Ministers, when they take office, pay a visit to the Imperial Shrine at Ise. What do you think about this practice?

| $\mathbf{1}$ | Should go |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Better to go |  |  |
| $\mathbf{3}$ | Can please himself |  |  |
| $\mathbf{4}$ | Better not to go |  |  |
| $\mathbf{5}$ | Should not go | $\mathbf{7}$ | D.K. |
| $\mathbf{6}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & 0 \\ & \% \\ & \% \\ & \vdots \\ & \vdots \end{aligned}$ | $\begin{aligned} & 1 \\ & 1 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \text { og } \end{aligned}$ | $\begin{aligned} & \hline \mathbf{2} \\ & \underset{\sim}{0} \\ & \stackrel{\rightharpoonup}{\oplus} \\ & \stackrel{+}{+} \\ & \stackrel{+}{\circ} \\ & 0.8 \end{aligned}$ |  |  | 5 0 0 0 0 0 0 0 0 | $$ | $\begin{aligned} & 7 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 14 | 7 | 50 | 23 | 6 | 2 | 2 | 10 | $100(2,254)$ |
| II (1958) | 110 | 5 | 33 | 27 | 12 | 5 | 2 | 16 | $100(1,449)$ |
| III (1963) | 10 | 4 | 28 | 41 | 9 | 5 | 3 | 10 | $100(2,698)$ |
| IV (1968) | 11 | 3 | 28 | 33 | 14 | 6 | 6 | 10 | $100(3,033)$ |
| V (1973) | K14 | 4 | 21 | 48 | 10 | 5 | 3 | 9 | $100(3,055)$ |
| VI (1978) | K 7 | 3 | 17 | 51 | 7 | 5 | 8 | 9 | $100(2,032)$ |
| VII (1983) | M 6 | 2 | 19 | 52 | 6 | 4 | 9 | 8 | $100(2,173)$ |
| VIII (1988) | K 9 | 2 | 16 | 59 | 6 | 4 | 7 | 6 | $100(1,858)$ |
| X (1993) | K 8 | 2 | 17 | 64 | 6 | 3 | 1 | 8 | $101(1,833)$ |
| X (1998) | K 9 | 2 | 16 | 62 | 6 | 4 | 1 | 9 | $100(1,339)$ |

## §4 Children and Family

## §4.1 Children

\#4.4 Rumor about teacher
(JPN)
Suppose that a child comes home and says that he has heard a rumor that his teacher had done something to get himself into trouble, and suppose that the parent knows this to be true. Do you think it is better for the parent to tell the child the truth, or to deny it?

1 Deny it
2 Tell the truth
3 Other (Specify) $4 \quad$ D.K.

|  | $\begin{aligned} & \underset{\widetilde{D}}{0} \\ & \text { W } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & 1 \\ & \forall \\ & 0 \\ & 0 \\ & \underset{\sim}{\circ} \end{aligned}$ |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 9 | 38 | 42 | 12 | 7 | $99(2,254)$ |
| II (1958) | 6 | 38 | 40 | 11 | 11 | 100 ( 920) |
| III (1963) | 4 | 33 | 50 | 10 | 8 | $101(2,698)$ |
| IV (1968) | 4 | 29 | 52 | 11 | 7 | $99(3,033)$ |
| V (1973) | K 5 | 31 | 54 | 6 | 8 | $99(3,055)$ |
| VI (1978) | K 4 | 27 | 57 | 8 | 8 | $100(2,032)$ |
| VII (1983) | K 4 | 26 | 59 | 9 | 6 | $100(2,256)$ |
| VIII (1988) | K 5 | 23 | 62 | 9 | 6 | $100(1,858)$ |
| IX (1993) | K 4 | 24 | 59 | 6 | 11 | $100(1,833)$ |
| X (1998) | K 5 | 20 | 64 | 5 | 10 | $99(1,339)$ |

Cf. (USA88 98)
1 Tell the truth
2 Deny it
3 Other (Specify)
4 D.K.

Cf. (UK87)
Suppose that a child comes home and says he has heard a rumour that his teacher had done something to get himself into trouble. Suppose that the parent knows this is true. Do you think it is better for the parent to tell the child that it is true, or to deny it?

## \#4.5 Teaching children money is important

(JPN)
In bringing up children of elementary school age some people think that they should be taught as early as possible that money is the most important thing in life. Do you agree with this or not?

| $\mathbf{1}$ | Agree |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Disagree |  |  |
| $\mathbf{3}$ | Undecided/it depends |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  |  |  |  |  | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{+}{+} \\ & \stackrel{̣}{9} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \underset{\sim}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 24-1 | 65 | 24 | 9 | 0 | 2 | $100(2,254)$ |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | 5 | 59 | 23 | 15 | 1 | 1 | $99(2,698)$ |
| IV (1968) | 5 | 57 | 28 | 12 | 1 | 2 | $100(3,033)$ |
| V (1973) | K 6 | 44 | 38 | 17 | 0 | 1 | $100(3,055)$ |
| VI (1978) | K 5 | 44 | 40 | 13 | 1 | 2 | $100(2,032)$ |
| VII (1983) | K+M | 43 | 42 | 13 | 1 | 1 | $100(4,429)$ |
|  | K 5 | 43 | 42 | 13 | 1 | 1 | $100(2,256)$ |
|  | M 4 | 43 | 41 | 14 | 1 | 1 | $100(2,173)$ |
| VIII (1988) | K 6 | 35 | 47 | 16 | 1 | 1 | $100(1,858)$ |
| IX (1993) | K 5 | 35 | 45 | 18 | 0 | 1 | $99(1,833)$ |
| X (1998) | K 6 | 31 | 51 | 17 | 0 | 1 | $100(1,339)$ |

Cf. (USA88 98)
In bringing up children of elementary school age some people think that they should be taught as early as possible that money is one of the most important things in life. Do you agree with this or not?

Cf. (UK87)
In bringing up children of primary school age, some people think that they should be taught as early as possible that money is one of the most important things in life. Do you agree with this or not?
\#4.13 Depend on parents?
(JPN)
(Hand card) Here are two examples of the kind of thing a parent might say to his child who has left school and got a job and is just about to leave home. Which do you think is the better?

1 If things go wrong for you in some way, you should always come and consult us first
2 From now on, even if things go wrong for you, you shouldn't depend on your parents
3 Other (Specify) $4 \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{6} \\ & \vdots \\ & \vdots \end{aligned}$ | $\begin{aligned} & 1 \\ & 8 \\ & 8 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \frac{8}{8} \\ & 8 \\ & \hline \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 3 \\ & \text { 움 } \\ & \text { 훅 } \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | M15a | 58 | 37 | 2 | 3 | $100(1,539)$ |
| VI (1978) | M12a | 67 | 30 | 2 | 2 | $101(1,913)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | M13a | 61 | 36 | 2 | 2 | $101(1,824)$ |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | M14 | 76 | 22 | 1 | 2 | $101(1,341)$ |

\#4.16 Children's character
(JPN)
If you had a child, which of the three descriptions on the card would you hope describe your child when the child becomes an adult?

1 Polite
2 Observing rules of conduct and having a sense of common courtesy
3 Fairness, having a strong sense of justice
4 Considerate of other people
5 Emotional stability
6 Responsible
7 Ability to clearly state their own opinion in the presence of others
8 Ability to plan ahead or do things for themselves
9 Nothing is particular, have no specific hopes
10 Other (Specify) 11 D.K.


Note:
This is a revised version of question \#17 of the International Survey on Youth and Their Families (Youth Affairs Administration, Management and Coordination Agency, 1995).

## §4.2 Family

\#4.10 Adopt a child
(USA88 98)
If you had no children, would you think it desirable to adopt a child in order to continue the family line, even if there is no blood relationship? Or do you not think this is important?

1 Would adopt
2 Would not adopt
3 Depends
4 Other (Specify) $\quad \mathbf{5} \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & \text { O} \\ & \text { W} \\ & \text { Z } \\ & 0 \end{aligned}$ | $$ | $\begin{aligned} & 2 \\ & \text { K } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $$ | $\begin{aligned} & \mathbf{5} \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 28-1 | 74 | 16 | 7 | 1 | 3 | $101(2,254)$ |
| II (1958) | 106 | 63 | 21 | 8 | 1 | 7 | $100(1,449)$ |
| III (1963) | 2 | 51 | 32 | 12 | 1 | 4 | $100(2,698)$ |
| IV (1968) | 2 | 43 | 41 | 9 | 2 | 5 | $100(3,033)$ |
| V (1973) | K 3 | 36 | 41 | 17 | 1 | 5 | $100(3,055)$ |
| VI (1978) | K 3 | 32 | 48 | 12 | 1 | 7 | $100(2,032)$ |
| VII (1983) | M 3 | 27 | 51 | 15 | 2 | 5 | $100(2,173)$ |
| VIII (1988) | K 2 | 28 | 52 | 15 | 2 | 3 | $100(1,858)$ |
| IX (1993) | K 2 | 22 | 56 | 16 | 1 | 5 | $100(1,833)$ |
| X (1998) | K 2 | 22 | 58 | 16 | 0 | 4 | $100(1,339)$ |

Cf. (UK87)
If you never had children yourself would you think it desirable to adopt a child in order to continue the family line, even if there is no blood relationship, or do you not think this is important?

1 Desirable
2 Undesirable
3 Maybe/it depends
4 Other (Specify)
5 D.K.
\#4.11 Respect for ancestors
(JPN)
Would you say you are, on the whole, more inclined than the average (Japanese) to respect your ancestors or less?

```
1 More than the average (Japanese)
2 Average
3 Less than the average (Japanese)
    Other (Specify) 5 D.K.
```

|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { R } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & 1 \\ & 2 \\ & 2 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { p } \\ & \text { ¢ } \\ & 0 \\ & 0.0 \\ & \text { On } \end{aligned}$ | 3 0 8 8 8 | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{\rightharpoonup}{9} \end{aligned}$ | $\stackrel{5}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 3 | 77 | 15 | 5 | 1 | 2 | $100(2,254)$ |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | K20 | 67 | 21 | 10 | 1 | 1 | $100(3,055)$ |
| VI (1978) | K10 | 72 | 16 | 10 | 1 | 1 | $100(2,032)$ |
| VII (1983) | K14 | 71 | 15 | 13 | 1 | 1 | $101(2,256)$ |
| VIII (1988) | K12 | 66 | 21 | 12 | 1 | 1 | $101(1,858)$ |
| IX (1993) | K11 | 65 | 27 | 7 | 0 | 1 | $100(1,833)$ |
| X (1998) | K11 | 60 | 27 | 12 | 0 | 1 | $100(1,339)$ |

Cf. (USA88)
1 More than the average American
2 Less than the average American
3 Average
4 Other (Specify)
5 D.K.
Cf. (UK87)
Would you say you are on the whole more inclined than the average person to respect the memory of your direct ancestors (deceased family members)?

1 More than the average
2 Less than the average
3 About the same 4 Other (Specify) 5 D.K.

## §5 Face-to-Face Social Groups

## \#5.1 Benefactor on death-bed

(USA88 98)
(Hand card) ${ }^{1)}$ Imagine this situation. Mr.A was orphaned at an early age and was brought up by Mr.B, a kind neighbor. Mr.B gave him a good education, sent him to a university, and now Mr.A has become the president of a company. One day he gets a telegram saying that Mr.B who brought him up, is seriously ill and asking if he would come at once. This telegram arrives as he is leaving to attend an important meeting which will decide whether his firm is to go bankrupt or to survive. Which of the following do you think he should do?

1 Leave everything and go back home
2 However worried he might be about Mr.B, he should go to the meeting
3 Other (Specify) 4 D.K.

|  |  |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \hline 6 \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 41 | 54 | 41 | 1 | 4 | $100(2,254)$ |
| II (1958) | $111 a$ | 50 | 39 | 2 | 9 | $100(1,449)$ |
| III (1963) | 13a | 46 | 46 | 2 | 5 | $99(2,698)$ |
| IV (1968) | 15a | 46 | 47 | 2 | 5 | $100(3,033)$ |
| V (1973) | K21a | 51 | 40 | 2 | 8 | $101(3,055)$ |
| VI (1978) | K15a | 51 | 42 | 1 | 5 | $99(2,032)$ |
| VII (1983) | K+M | 52 | 41 | 2 | 5 | $100(4,429)$ |
|  | K16a | 52 | 41 | 3 | 4 | $100(2,256)$ |
|  | M16a | 52 | 41 | 2 | 5 | $100(2,173)$ |
| VIII (1988) | K14a | 52 | 41 | 3 | 4 | $100(1,858)$ |
| IX (1993) | K18a | 49 | 42 | 1 | 8 | $100(1,833)$ |
| X (1998) | K18a | 46 | 45 | 1 | 8 | $100(1,339)$ |

1) Both picture and hand card have been used in the surveys of the Japanese national character in Japan.

Cf. (UK87)
Imagine this situation. John was orphaned at an early age and was brought up by a kind neighbour who gave him a good education and sent him to a university. Now John has become the managing director of a company. One day he gets a telegram saying that the neighbour who brought him up is seriously ill and asking him to come at once. The telegram arrives as he is going in to an important meeting to decide whether his company is to go bankrupt or to survive. Which of the following things do you think he should do?

1 Leave everything and go back home
2 However worried he might be he should go to the meeting
3 Other (Specify)
4 D.K.
\#5.1b Father on death-bed
(USA88 98)
(Hand card) ${ }^{1)}$ The last question supposed that Mr.B had taken him in as an orphan in his youth and brought him up. Suppose that it was his real father who was seriously ill. Which would have been your answer then?

1 Leave everything and go back home
2 However worried he might be about his father, he should go to the meeting
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & 0 \\ & \underset{\sim}{0} \\ & \% \\ & Z \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{1}{\oplus} \\ & \hline \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \dot{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 42 | 49 | 47 | 1 | 3 | $100(2,254)$ |
| II (1958) | 111b | 50 | 41 | 2 | 7 | $100(1,449)$ |
| III (1963) | 13b | 45 | 47 | 2 | 6 | $100(2,698)$ |
| IV (1968) | 15b | 44 | 49 | 3 | 4 | $100(3,033)$ |
| V (1973) | K21b | 51 | 41 | 2 | 7 | $101(3,055)$ |
| VI (1978) | K15b | 49 | 44 | 1 | 5 | $99(2,032)$ |
| VII (1983) | K+M | 49 | 45 | 2 | 4 | $100(4,429)$ |
|  | K16b | 49 | 45 | 2 | 3 | $99(2,256)$ |
|  | M16b | 49 | 45 | 2 | 4 | $100(2,173)$ |
| VIII (1988) | K14b | 53 | 41 | 2 | 4 | $100(1,858)$ |
| X (1993) | K18b | 48 | 44 | 1 | 7 | $100(1,833)$ |
| X (1998) | K18b | 44 | 47 | 1 | 8 | $100(1,339)$ |

1) Both picture and hand card have been used in the surveys of the Japanese national character in Japan.

## Cf. (UK87)

Instead of being a kind neighbour suppose it was his real father who was on his deathbed. What should John do then?

1 Leave everything and go back home
2 However worried he might be he should go to the meeting
3 Other (Specify)
4 D.K.
\#5.1 Benefactor on death-bed $\times \# 5.1 \mathrm{~b}$ Father on death-bed


## \#5.1c-1 Employment examination: relative

(USA88 98)
(Hand card) Suppose that you are the president of a company. The company decides to employ one person, and then carries out an employment examination. The supervisor in charge reports to you saying, "Your relative who took the examination got the second highest grade. But I believe that either your relative or the candidate who got the highest grade would be satisfactory. What shall we do?" In such a case, which person would you employ?

1 One with the highest grade
2 Your relative
3 Other (Specify) 4 D.K.

|  |  |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \underset{\sim}{9} \end{aligned}$ | $$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | 20a | 75 | 19 | 2 | 4 | $100(2,698)$ |
| IV (1968) | 22a | 78 | 17 | 2 | 4 | $101(3,033)$ |
| V (1973) | K+M | 73 | 19 | 1 | 7 | $100(4,594)$ |
|  | K28a | 73 | 19 | 1 | 7 | $100(3,055)$ |
|  | M16a | 72 | 19 | 1 | 8 | $100(1,539)$ |
| VI (1978) | K21a | 72 | 22 | 2 | 4 | $100(2,032)$ |
| VII (1983) | K+M | 70 | 23 | 3 | 4 | $100(4,429)$ |
|  | K22a | 71 | 23 | 2 | 4 | $100(2,256)$ |
|  | M21a | 70 | 23 | 3 | 4 | $100(2,173)$ |
| VIII (1988) | K21a | 70 | 24 | 3 | 3 | $100(1,858)$ |
| IX (1993) | K25a | 67 | 24 | 1 | 8 | $100(1,833)$ |
| X (1998) | K26a | 70 | 22 | 1 | 7 | $100(1,339)$ |

Cf. (UK87)
Suppose that you are the president of a company. There is a job vacancy and the company carries out an employment examination. The supervisor in charge reports to you saying, "Your relative who took the examination got the 2nd highest grade. But I believe that either your relative or the candidate who got the highest grade would be satisfactory. What shall we do?" In such a case, which person would you employ?

1 The one with the highest grade
2 Your relative
3 Other (Specify)
4 D.K.

## \#5.1c-2 Employment examination: a child of benefactor

(USA88 98)
(Hand card) In the last question we supposed that the one getting the second highest grade was your relative. Suppose that the one who got the second highest grade was the son of parents to whom you felt indebted. Which person would you employ?

| $\mathbf{1}$ | One with the highest grade |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Son of your benefactor |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  | $\begin{aligned} & \text { O } \\ & \text { た } \\ & \text { R } \\ & \text { B } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{9} \\ & \text { ? } \end{aligned}$ | $\begin{aligned} & \mathbf{4} \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | 20b | 48 | 44 | 2 | 6 | $100(2,698)$ |
| IV (1968) | 22b | 54 | 39 | 2 | 5 | $100(3,033)$ |
| V (1973) | K+M | 52 | 38 | 2 | 8 | $100(4,594)$ |
|  | K28b | 52 | 39 | 2 | 8 | $101(3,055)$ |
|  | M16b | 52 | 38 | 1 | 9 | $100(1,539)$ |
| VI (1978) | K21b | 47 | 46 | 2 | 5 | $100(2,032)$ |
| VII (1983) | K+M | 46 | 47 | 2 | 5 | $100(4,429)$ |
|  | K22b | 46 | 47 | 2 | 5 | $100(2,256)$ |
|  | M21b | 47 | 46 | 3 | 5 | $101(2,173)$ |
| VIII (1988) | K21b | 45 | 49 | 3 | 4 | $101(1,858)$ |
| IX (1993) | K25b | 45 | 44 | 2 | 9 | $100(1,833)$ |
| X (1998) | K26b | 49 | 42 | 1 | 8 | $100(1,339)$ |

Cf. (UK87)
In the last question we supposed that the one getting the $\underline{2}$ nd highest grade was your relative. Suppose now that the second was the son of someone to whom you felt indebted. Which person would you employ?

1 The one with the highest grade
2 The son of the person to whom you felt indebted
3 Other (Specify)
4 D.K.
\#5.1c-1 Employment examination: relative $\times$
\#5.1c-2 Employment examination: a child of benefactor

|  |  |  |  |  |  | $\begin{aligned} & 5 \\ & \hline \text { 움 } \\ & \text {. } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\leftrightarrow}{6} \\ & \stackrel{\oplus}{\oplus} \end{aligned}$ |  | $\stackrel{\rightharpoonup}{0}$ $\stackrel{0}{0}$ $\stackrel{\rightharpoonup}{0}$ $\stackrel{\rightharpoonup}{4}$ |  | $\begin{aligned} & \text { ⿷. } \\ & \text { 品 } \\ & \text { O} \end{aligned}$ | $\begin{aligned} & \text { B } \\ & \text { B } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | Total |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | 20a | 25 | 17 | 2 | 46 | 10 | $100(2,698)$ |
| IV (1968) | ${ }_{22 \mathrm{~b}}^{22 \mathrm{a}}$ | 23 | 14 | 2 | 52 | 10 | $101(3,033)$ |
|  | K+M | 20 | 16 | 2 | 49 | 12 | $99(4,594)$ |
| V (1973) | K28a | 20 | 17 | 2 | 50 | 12 | $101(3,055)$ |
|  | M16a | 21 | 16 | 2 | 49 | 13 | $101(1,539)$ |
| VI (1978) | ${ }_{\text {K21a }}^{\text {K21b }}$ | 25 | 20 | 2 | 45 | 8 | $100(2,032)$ |
|  | K+M | 24 | 21 | 2 | 44 | 9 | $100(4,429)$ |
| VII (1983) | K22a | 24 | 21 | 2 | 44 | 9 | $100(2,256)$ |
|  | M21b | 23 | 20 | 2 | 44 | 10 | $99(2,173)$ |
| VIII (1988) | ${ }_{\text {K21a }}^{\text {K21b }}$ | 26 | 21 | 2 | 42 | 9 | $100(1,858)$ |
| IX (1993) | ${ }_{\text {K25a }}$ | 21 | 22 | 2 | 43 | 12 | $100(1,833)$ |
| X (1998) | ${ }_{\text {K26a }}$ | 21 | 20 | 2 | 47 | 11 | $101(1,339)$ |

## \#5.1d Important values

(USA88 98)
(Hand card) If you were asked to choose the two most important items listed on this card, which two would you choose?

1 Respect for parents
2 Repaying people who have helped you in the past
3 Respect for the rights of the individual
4 Respect for the freedom of the individual
5 Other (Specify)
6 D.K.

|  | $\begin{aligned} & \mathbb{D} \\ & \text { O } \\ & \underset{\oplus}{2} \\ & \text { Z } \end{aligned}$ |  | $\begin{aligned} & 2 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \hline \\ & \hline \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \hline 0 \end{aligned}$ |  |  | $\begin{aligned} & 5 \\ & 0 \\ & \text { 웅 } \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \hdashline \end{aligned}$ | Total (Multiple answer) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | 17 | 60 | 43 | 49 | 40 | 1 | 2 | - (2,698) |
| IV (1968) | 20 | 61 | 44 | 43 | 46 | 0 | 2 | - (3,033) |
| V (1973) | K26 | 63 | 42 | 45 | 43 | 1 | 2 | - (3,055) |
| VI (1978) | K18 | 70 | 47 | 38 | 39 | 0 | 2 | - $(2,032)$ |
| VII (1983) | K19 | 73 | 50 | 36 | 37 | 0 | 1 | - $(2,256)$ |
| VIII (1988) | K17 | 71 | 47 | 36 | 42 | 0 | 1 | - (1,858) |
| IX (1993) | K21 | 69 | 43 | 38 | 42 | 3 | 2 | - (1,833) |
| X (1998) | K21 | 70 | 43 | 40 | 43 | 0 | 1 | - $(1,339)$ |

Cf. (UK87)
If you were asked to choose two out of following which two would you choose?
1 Filial piety/respect for parents
2 Repaying people who have helped you in the past
3 Respect for the rights of the individual
4 Respect for the freedom of the individual
5 Other (Specify)
6 D.K.
\＃5．1d Combination of Important values

|  | $\begin{aligned} & 0 \\ & 0 \\ & \text { W } \\ & \text { 3 } \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I（1953） | ＊ |  |  |  |  |  |  |  |  |  |
| II（1958） | ＊ |  |  |  |  |  |  |  |  |  |
| III（1963） | 17 | $28 \quad 19$ | 12 | 8 | 7 | 21 | 1 | 1 | 3 | $100(2,698)$ |
| V（1968） | 20 | $28 \quad 15$ | 18 | 8 | 8 | 19 | 1 | 1 | 2 | $100(3,033)$ |
| V（1973） | K26 | $28 \quad 17$ | 16 | 8 | 6 | 20 | 1 | 1 | 3 | $100(3,055)$ |
| VI（1978） | K18 | $34 \quad 17$ | 19 | 7 | 7 | 14 | 1 | 0 | 2 | $101(2,032)$ |
| VII（1983） | K19 | $36 \quad 18$ | 18 | 6 | 7 | 12 | 1 | 0 | 1 | $99(2,256)$ |
| VIII（1988） | K17 | 3416 | 21 | 6 | 7 | 14 | 1 | 1 | 1 | $101(1,858)$ |
| IX（1993） | K21 | $31 \quad 17$ | 20 | 6 | 6 | 15 | － | － | 4 | $99(1,833)$ |
| X（1998） | K21 | 3119 | 19 | 5 | 8 | 15 | 1 | 1 | 1 | $100(1,339)$ |

## \#5.6 Type of boss preferred

(USA88 98)
(Hand card) Suppose you are working in a firm. Which of the following department chiefs would you prefer to work under?

1 A man who always sticks to the work rules and never demands any unreasonable work, but who, on the other hand, never does anything for you personally in matters not connected with work
2 A man who sometimes demands extra work in spite of rules against it, but who, on the other hand, looks after you personally in matters not connected with work
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & \text { O} \\ & \stackrel{0}{0} \\ & \text { Z } \\ & \vdots \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \theta \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 35 | 12 | 85 | 1 | 2 | $100(2,254)$ |
| II (1958) | 117 | 14 | 78 | 2 | 7 | $101(1,449)$ |
| III (1963) | 21 | 12 | 82 | 1 | 5 | $100(2,698)$ |
| IV (1968) | 23 | 12 | 84 | 1 | 4 | $101(3,033)$ |
| V (1973) | K29 | 13 | 81 | 1 | 5 | $100(3,055)$ |
| VI (1978) | K22 | 10 | 87 | 0 | 3 | $100(2,032)$ |
| VII (1983) | K+M | 9 | 89 | 1 | 2 | $101(4,429)$ |
|  | K23 | 8 | 89 | 0 | 2 | $99(2,256)$ |
|  | M22 | 9 | 88 | 1 | 2 | $100(2,173)$ |
| VIII (1988) | K+M | 10 | 87 | 1 | 2 | $100(3,682)$ |
|  | K22 | 10 | 88 | 1 | 2 | $101(1,858)$ |
|  | M18 | 10 | 87 | 1 | 3 | $101(1,824)$ |
| IX (1993) | K26 | 12 | 82 | 0 | 5 | $99(1,833)$ |
| X (1998) | K27 | 16 | 80 | 0 | 4 | $100(1,339)$ |

Cf. (UK87)
Suppose you are working in a company in which there are two types of boss. Which of these two would you prefer to work for?

## \#5.6* Social contact with superior <br> (JPN)

Suppose that you are working in a firm. Would you think it unnecessary to have social contacts with your superior outside of work, or would you think it better to have such contact?

1 Unnecessary
2 Better to have
3 Other (Specify) 4 D.K.

|  | $\begin{aligned} & \text { O} \\ & \stackrel{ᅲ}{6} \\ & \text { Z } \\ & 0 \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | M 5 | 22 | 72 | 2 | 5 | $101(1,539)$ |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | M 9 | 39 | 55 | 2 | 4 | $100(1,341)$ |

\#5.6b Desirable firm: good wages vs. friendly
(JPN)
(Hand card) Supposing there were two firms which differed in the way I am going to describe. Which would you prefer to work for?

1 A firm which paid good wages, but where they did nothing like organizing outings and sports days for the employees' recreation
2 A firm with a family-like atmosphere which organized outings and sports days, even if the wages were a little bit less
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & \text { D్ర } \\ & \text { W } \\ & \text { Z } \\ & 0 \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{4}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | M18 | 21 | 74 | 1 | 4 | $100(1,539)$ |
| VI (1978) | K23 | 18 | 78 | 1 | 3 | $100(2,032)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M19 | 30 | 65 | 1 | 4 | $100(1,905)$ |
| X (1998) | M20 | 34 | 62 | 1 | 3 | $100(1,341)$ |

\#5.6h Desirable person: efficient vs. friendly
(USA88)
Whom do you consider more desirable as a person?
1 Mr.S. who is friendly and can be counted on to help others but is not an efficient worker
2 Mr.T. who is an efficient worker but is indifferent to the worries and affairs of others
3 Other (Specify) 4 D.K.

|  | $\begin{aligned} & 0 \\ & \text { O} \\ & \text { W } \\ & \text { Z } \\ & 0 \end{aligned}$ | $$ | $\begin{aligned} & 2 \\ & 2 \\ & 4 \\ & -1 \end{aligned}$ | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{5} \end{aligned}$ | $\stackrel{4}{\ominus}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | K14 | 72 | 11 | 7 | 10 | $100(2,032)$ |
| VII (1983) | K26 | 75 | 11 | 6 | 8 | $100(2,256)$ |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | K27 | 77 | 12 | 3 | 9 | $101(1,833)$ |
| X (1998) | K28 | 77 | 11 | 2 | 10 | $100(1,339)$ |

Cf. (UK87)
1 A person who is friendly and can be counted on to help others but is not an efficient worker
2 A person who is an efficient worker but who isn't interested in the worries and affairs of others
3 Other (Specify)
4 D.K.
\#5.17 Desirable attitude: advice to others
(JPN)
(Hand card) Which do you think is the best way to make society run smoothly?
1 Everybody is likely to overlook his own faults, so we should help each other by pointing them out
2 One should just look after one's own affairs properly, and refrain from offering advice to others
3 Other (Specify) $4 \quad$ D.K.

|  |  | $\begin{aligned} & 1 \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{0}{0} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \hline 9 \end{aligned}$ |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{1}{+} \\ & \stackrel{\rightharpoonup}{9} \end{aligned}$ | $\begin{aligned} & \mathbf{4} \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | M12 | 75 | 22 | 1 | 3 | $101(1,539)$ |
| VI (1978) | M 9 | 73 | 25 | 1 | 2 | $101(1,913)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | M22 | 70 | 28 | 0 | 2 | $100(1,341)$ |

\#5.23 Basis of salary: ability vs. length of service
(JPN)
When a company decides on salaries and wages, do you think that they should attach greatest importance to a person's current abilities in making the decision? Or do you think the person's service to the company from past to present should be stressed in the decision?

1 They should stress the person's current abilities in deciding
2 They should stress the person's service to the company from past to present in deciding
3 Other (Specify)
4 D.K.

|  |  | 1 0 0 0 0 0 0 0 0 0 0 0 |  | $\begin{aligned} & 3 \\ & 0 \\ & \underset{\sim}{9} \end{aligned}$ | $\begin{aligned} & 4 \\ & \bullet \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M 8 | 59 | 30 | 4 | 8 | $101(1,905)$ |
| X (1998) | M 8 | 61 | 29 | 3 | 7 | $100(1,341)$ |

\#5.24 Changing employers
(JPN)
(Hand card) Here are two opinions about changing employers. Which do you agree with?

1 If there is an employer with better working conditions than the present one, then it's better to change
2 It's better to work for a long time for one employer even if there is another place with better working conditions
3 Other (Specify) 4 D.K.

|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 3 \\ & \hline 0 \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{4}{4} \end{aligned}$ | $\begin{aligned} & 4 \\ & \underset{X}{X} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M17 | 41 | 52 | 1 | 6 | $100(1,905)$ |
| X (1998) | M18 | 42 | 53 | 1 | 4 | $100(1,341)$ |

\#5.25 Leader's qualifications
(JPN)
(Hand card) In your unit, what qualifications should a good leader have? Please select three most important ones.

1 Bring benefits to workers
2 Respected and liked by workers
3 Technical expertise
4 Sincere toward colleagues
5 Young and capable
6 Good external relations, know a lot of people
7 Other (Specify)
8 D.K.

|  |  |  |  | $\begin{aligned} & \mathbf{3} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 4 \\ & \hline \end{aligned}$ |  |  | $\begin{gathered} 6 \\ 0 \\ 0.0 \\ 0.0 \\ 0.0 \\ 0.0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0.0 \\ 0 \end{gathered}$ | $\begin{aligned} & 7 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & 8 \\ & \underset{\sim}{x} \end{aligned}$ | Total (Multiple answer) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |  |  |
| IX (1993) | M18 | 21 | 77 | 47 | 69 | 7 | 49 | 8 | 3 | - $(1,905)$ |
| X (1998) | M19 | 21 | 74 | 47 | 71 | 8 | 51 | 7 | 2 | - $(1,341)$ |

## §6 Men and Women

\#6.2 Choice of gender
(JPN)
If you could be born again, would you rather be a man or a woman?

| $\mathbf{1}$ | Man |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Woman |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  |  | $\begin{aligned} & 1 \\ & 2 \\ & 2 \\ & 0 \end{aligned}$ | 2 | 3 0 O ¢ | $\stackrel{4}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | 103 | 76 | 17 | 5 | 2 | $100(1,449)$ |
| III (1963) | 1 a | 70 | 23 | 4 | 3 | $100(2,698)$ |
| IV (1968) | 1 a | 65 | 28 | 4 | 4 | $101(3,033)$ |
| V (1973) | K+M | 63 | 30 | 3 | 4 | $100(4,594)$ |
|  | K 1a | 63 | 30 | 3 | 4 | $100(3,055)$ |
|  | M 1a | 63 | 30 | 3 | 4 | $100(1,539)$ |
| VI (1978) | M 1a | 62 | 31 | 3 | 3 | $99(1,913)$ |
| VII (1983) | K 1 | 61 | 34 | 3 | 2 | $100(2,256)$ |
| VIII (1988) | K 1 | 59 | 35 | 4 | 2 | $100(1,858)$ |
| IX (1993) | K 1 | 56 | 37 | 2 | 5 | $100(1,833)$ |
| X (1998) | K+M | 55 | 39 | 1 | 5 | $100(2,680)$ |
|  | K 1 | 56 | 38 | 2 | 4 | $100(1,339)$ |
|  | M 1 | 53 | 40 | 1 | 6 | $100(1,341)$ |

\#6.2 Choice of gender (by gender)

|  |  | $\begin{aligned} & \stackrel{0}{0} \\ & \text { ¢̣ } \\ & \text { Z } \\ & 0 \end{aligned}$ | $\begin{aligned} & 1 \\ & \text { S } \\ & \text { Ong } \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { z } \\ & 0 \\ & \frac{1}{0} \\ & \end{aligned}$ | $$ | $\begin{aligned} & \mathbf{4} \\ & 母 \\ & ? \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | I (1953) | * |  |  |  |  |  |
|  | II (1958) | 103 | 90 | 5 | 4 | 1 | 100 ( 684) |
|  | III (1963) | 1a | 88 | 7 | 3 | 2 | $100(1,252)$ |
|  | IV (1968) | 1a | 89 | 5 | 4 | 3 | $101(1,427)$ |
|  | V (1973) | K+M | 89 | 5 | 2 | 3 | $99(2,063)$ |
|  |  | K 1a | 88 | 6 | 2 | 4 | $100(1,395)$ |
|  |  | M 1a | 90 | 5 | 3 | 3 | 101 ( 668) |
|  | VI (1978) | M 1a | 90 | 4 | 3 | 3 | 100 ( 832) |
|  | VII (1983) | K 1 | 90 | 5 | 3 | 2 | 100 ( 988) |
|  | VIII (1988) | K 1 | 90 | 4 | 4 | 2 | 100 ( 837) |
|  | IX (1993) | K 1 | 88 | 3 | 3 | 6 | 100 ( 836) |
|  | X (1998) | K+M | 88 | 5 | 2 | 5 | $100(1,216)$ |
|  |  | K 1 | 89 | 5 | 2 | 4 | 100 ( 615) |
|  |  | M 1 | 87 | 6 | 1 | 6 | $100(601)$ |
| 10000 | I (1953) | * |  |  |  |  |  |
|  | II (1958) | 103 | 64 | 27 | 5 | 3 | $99(765)$ |
|  | III (1963) | 1a | 55 | 36 | 5 | 4 | $100(1,446)$ |
|  | IV (1968) | 1 a | 43 | 48 | 4 | 5 | $100(1,606)$ |
|  | V (1973) | K+M | 42 | 51 | 3 | 4 | $100(2,531)$ |
|  |  | K 1a | 42 | 51 | 3 | 4 | $100(1,660)$ |
|  |  | M 1a | 43 | 50 | 3 | 5 | 101 ( 871) |
|  | VI (1978) | M 1a | 41 | 52 | 3 | 4 | $100(1,081)$ |
|  | VII (1983) | K 1 | 39 | 56 | 3 | 2 | $100(1,268)$ |
|  | VIII (1988) | K 1 | 34 | 59 | 5 | 2 | $100(1,021)$ |
|  | IX (1993) | K 1 | 29 | 65 | 1 | 4 | $99(997)$ |
|  | X (1998) | K+M | 28 | 67 | 1 | 4 | $100(1,464)$ |
|  |  | K 1 | 29 | 66 | 1 | 3 | $99(724)$ |
|  |  | M 1 | 26 | 67 | 1 | 5 | $99(740)$ |

\#6.2c Gender with difficult life
(JPN)
On the whole in Japan, which do you think has the more difficult life, men or women?

| $\mathbf{1}$ | Men |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Women |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  |  | $$ | $\begin{aligned} & 2 \\ & \text { ¿ } \\ & 0 \\ & B \\ & 0 \end{aligned}$ | 3 0 ¢ $\stackrel{+}{4}$ | ¢ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | 1b | 47 | 34 | 12 | 7 | $100(2,698)$ |
| IV (1968) | 1b | 53 | 27 | 15 | 6 | $101(3,033)$ |
| V (1973) | K+M | 55 | 26 | 12 | 7 | $100(4,594)$ |
|  | K 1b | 55 | 26 | 12 | 6 | $99(3,055)$ |
|  | M 1b | 54 | 27 | 11 | 8 | $100(1,539)$ |
| VI (1978) | M 1b | 54 | 26 | 14 | 5 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | M 2a | 44 | 36 | 12 | 8 | $100(1,341)$ |

\#6.2c $\quad$ Gender with difficult life (by gender)

|  |  |  | $\begin{aligned} & 1 \\ & \text { 2 } \\ & 9 \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { K } \\ & 0 \\ & \text { B } \end{aligned}$ | 3 0 O ¢ $\stackrel{4}{4}$ | $\stackrel{4}{\square}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \frac{2}{2} \\ & \frac{2}{0} \end{aligned}$ | I (1953) | * |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |
|  | III (1963) | 1b | 57 | 25 | 12 | 6 | $100(1,252)$ |
|  | IV (1968) | 1b | 60 | 19 | 15 | 5 | $99(1,427)$ |
|  | V (1973) | K+M | 64 | 18 | 11 | 7 | $100(2,063)$ |
|  |  | K 1b | 65 | 17 | 12 | 6 | $100(1,395)$ |
|  |  | M 1b | 64 | 18 | 9 | 9 | $100(668)$ |
|  | VI (1978) | M 1b | 58 | 20 | 16 | 6 | 100 ( 832) |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | * |  |  |  |  |  |
|  | IX (1993) | * |  |  |  |  |  |
|  | X (1998) | M 2a | 47 | 29 | 15 | 9 | 100 ( 601) |
| $\begin{aligned} & \text { T1 } \\ & \text { 苞 } \\ & \text { \% } \end{aligned}$ | I (1953) | * |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |
|  | III (1963) | 1b | 39 | 42 | 12 | 7 | $100(1,446)$ |
|  | IV (1968) | 1b | 47 | 33 | 14 | 6 | $100(1,606)$ |
|  | V (1973) | K+M | 47 | 33 | 13 | 7 | $100(2,531)$ |
|  |  | K 1b | 48 | 33 | 13 | 6 | $100(1,660)$ |
|  |  | M 1b | 47 | 34 | 13 | 7 | 101 ( 871) |
|  | VI (1978) | M 1b | 51 | 32 | 12 | 5 | $100(1,081)$ |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | * |  |  |  |  |  |
|  | IX (1993) | * |  |  |  |  |  |
|  | X (1998) | M 2a | 42 | 41 | 9 | 8 | $100(740)$ |

```
#6.2d
        Gender with life of pleasure
(JPN)
```

Then, which do you think gets the greater pleasure out of life, men or women?

| 1 Men <br> 2 Women <br> 3 Other (Specify) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & 1 \\ & 2 \\ & 0 \\ & \hline 8 \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { K } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | 3 O + $\stackrel{+}{4}$ | $\xrightarrow{4}$ | Total |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | 1c | 69 | 12 | 11 | 9 | $101(2,698)$ |
| IV (1968) | 1c | 63 | 13 | 16 | 8 | $100(3,033)$ |
| V (1973) | K+M | 67 | 13 | 11 | 8 | $99(4,594)$ |
|  | K 1c | 67 | 13 | 12 | 9 | $101(3,055)$ |
|  | M 1c | 67 | 14 | 11 | 8 | $100(1,539)$ |
| VI (1978) | M 1c | 66 | 14 | 12 | 8 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | M 2b | 43 | 34 | 10 | 13 | $100(1,341)$ |

\#6.2d Gender with life of pleasure (by gender)

|  |  |  | $\begin{aligned} & 1 \\ & 2 \\ & 9 \\ & 9 \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { K } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \stackrel{1}{6} \end{aligned}$ | $\stackrel{4}{\square}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ? | I (1953) | * |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |
|  | III (1963) | 1c | 71 | 10 | 10 | 8 | $99(1,252)$ |
|  | IV (1968) | 1c | 66 | 10 | 17 | 7 | $100(1,427)$ |
|  | V (1973) | K+M | 71 | 11 | 10 | 8 | $100(2,063)$ |
|  |  | K 1c | 70 | 11 | 11 | 8 | $100(1,395)$ |
|  |  | M 1c | 74 | 10 | 10 | 7 | $101(668)$ |
|  | VI (1978) | M 1c | 71 | 8 | 12 | 8 | $99(832)$ |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | * |  |  |  |  |  |
|  | IX (1993) | * |  |  |  |  |  |
|  | X (1998) | M 2b | 54 | 20 | 13 | 14 | 101 ( 601) |
| $\begin{aligned} & \text { T1 } \\ & \stackrel{0}{8} \\ & \stackrel{0}{0} \end{aligned}$ | I (1953) | * |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |
|  | III (1963) | 1c | 67 | 13 | 11 | 10 | $101(1,446)$ |
|  | IV (1968) | 1c | 60 | 16 | 15 | 9 | $100(1,606)$ |
|  |  | K+M | 63 | 16 | 12 | 9 | $100(2,531)$ |
|  | V (1973) | K 1c | 64 | 15 | 12 | 9 | $100(1,660)$ |
|  |  |  | 62 | 17 | 12 | 9 | 100 ( 871) |
|  | VI (1978) | M 1c | 62 | 19 | 11 | 8 | $100(1,081)$ |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | * |  |  |  |  |  |
|  | IX (1993) | * |  |  |  |  |  |
|  | X (1998) | M 2b | 34 | 46 | 8 | 13 | $101(740)$ |

\#6.2e Child's gender
(JPN)
If you had only one child, would you prefer to rather have a boy, or a girl, or wouldn't it matter?

| $\mathbf{1}$ | A boy |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | A girl |  |  |
| $\mathbf{3}$ | Either |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & \text { O} \\ & \text { W} \\ & \text { Z } \\ & 0 \end{aligned}$ | $\begin{aligned} & 1 \\ & 1 \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \hline 3 \\ & \text { 3 } \\ & \text { 畀 } \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $$ | 5 $\bullet$ $\cdots$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | M 2 | 32 | 29 | 37 | 1 | 1 | $100(1,824)$ |
| IX (1993) | M 2 | 33 | 36 | 30 | 0 | 1 | $100(1,905)$ |
| X (1998) | M 5 | 28 | 47 | 23 | 0 | 1 | $99(1,341)$ |

\#6.2e Child's gender (by gender)

|  |  | 0 $\%$ $\%$ $\vdots$ | $\begin{aligned} & 1 \\ & \Delta \\ & \sigma \\ & \hline \quad \end{aligned}$ | $\begin{aligned} & 2 \\ & > \\ & > \\ & \text { og. } \end{aligned}$ | $\begin{aligned} & 3 \\ & \text { 3 } \\ & \text { 부훌 } \end{aligned}$ | $$ | $\begin{aligned} & 5 \\ & \underset{X}{6} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 菏 | I (1953) | * |  |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |  |
|  | III (1963) | * |  |  |  |  |  |  |
|  | IV (1968) | * |  |  |  |  |  |  |
|  | V (1973) | * |  |  |  |  |  |  |
|  | VI (1978) | * |  |  |  |  |  |  |
|  | VII (1983) | * |  |  |  |  |  |  |
|  | VIII (1988) | M 2 | 45 | 15 | 36 | 2 | 1 | 99( 805) |
|  | IX (1993) | M 2 | 45 | 19 | 34 | 1 | 1 | 100 ( 888) |
|  | X (1998) | M 5 | 40 | 28 | 30 | 1 | 1 | 100( 601) |
| 雨 | I (1953) | * |  |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |  |
|  | III (1963) | * |  |  |  |  |  |  |
|  | IV (1968) | * |  |  |  |  |  |  |
|  | V (1973) | * |  |  |  |  |  |  |
|  | VI (1978) | * |  |  |  |  |  |  |
|  | VII (1983) | * |  |  |  |  |  |  |
|  | VIII (1988) | M 2 | 22 | 40 | 37 | 1 | 1 | $101(1,019)$ |
|  | IX (1993) | M 2 | 22 | 50 | 26 | 0 | 1 | $99(1,017)$ |
|  | X (1998) | M 5 | 19 | 62 | 18 | 0 | 1 | 100( 740) |

\#6.2f Which gender benefits?
(JPN)
Then, which do you think benefits more, men or women?

| $\mathbf{1}$ | Men |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Women |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { R } \\ & \text { Z } \\ & 0 \end{aligned}$ | $\begin{aligned} & 1 \\ & 2 \\ & 9 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { K } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{6} \end{aligned}$ | + | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |
| X (1998) | M 3 | 42 | 36 | 7 | 15 | $100(1,341)$ |

\#6.2f Which gender benefits? (by gender)

|  |  | O | $\begin{aligned} & 1 \\ & \hline \mathbf{2} \\ & \stackrel{\rightharpoonup}{8} \end{aligned}$ | $\begin{aligned} & 2 \\ & \sum_{K}^{\prime} \\ & \text { B0 } \end{aligned}$ | $\begin{aligned} & 3 \\ & 0 \\ & \text { O} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 苞 | I (1953) | * |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |
|  | III (1963) | * |  |  |  |  |  |
|  | IV (1968) | * |  |  |  |  |  |
|  | V (1973) | * |  |  |  |  |  |
|  | VI (1978) | * |  |  |  |  |  |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | * |  |  |  |  |  |
|  | IX (1993) | * |  |  |  |  |  |
|  | X (1998) | M 3 | 46 | 32 | 8 | 15 | 101 ( 601) |
| 苞 | I (1953) | * |  |  |  |  |  |
|  | II (1958) | * |  |  |  |  |  |
|  | III (1963) | * |  |  |  |  |  |
|  | IV (1968) | * |  |  |  |  |  |
|  | V (1973) | * |  |  |  |  |  |
|  | VI (1978) | * |  |  |  |  |  |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | * |  |  |  |  |  |
|  | IX (1993) | * |  |  |  |  |  |
|  | X (1998) | M 3 | 39 | 39 | 7 | 15 | 100( 740) |

## \#6.5 Gender differences in ability

(JPN)
Do you think there is any inherent difference between men and women in their ability to think things out and arrange things?

1 Is a difference
2 No difference
3 Other (Specify) $\mathbf{4} \quad$ D.K.

|  | $\begin{aligned} & \text { O} \\ & \stackrel{\rightharpoonup}{0} \\ & \text { R } \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{\rightharpoonup}{\oplus} \end{aligned}$ | $\begin{aligned} & 4 \\ & \forall \\ & \dot{e} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | 120 | 63 | 29 | 2 | 6 | $100(1,449)$ |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | M 5 | 54 | 41 | 2 | 3 | $100(1,824)$ |
| IX (1993) | M 5 | 49 | 44 | 2 | 5 | $100(1,905)$ |
| X (1998) | K 3 | 44 | 50 | 1 | 4 | $99(1,339)$ |

\#6.5 Gender differences in ability (by gender)

|  |  |  | 1 $\vdots$ 6 0 0 0 0 0 0 0 | $\begin{aligned} & 2 \\ & Z \\ & \vdots \\ & 0 \\ & 6 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 8 \end{aligned}$ | $$ | $\begin{aligned} & 4 \\ & \forall \\ & \vdots \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 菅 | I (1953) | * |  |  |  |  |  |
|  | II (1958) | 120 | 63 | 31 | 2 | 5 | 101 ( 684) |
|  | III (1963) | * |  |  |  |  |  |
|  | IV (1968) | * |  |  |  |  |  |
|  | V (1973) | * |  |  |  |  |  |
|  | VI (1978) | * |  |  |  |  |  |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | M 5 | 55 | 41 | 2 | 2 | 100 ( 805) |
|  | IX (1993) | M 5 | 51 | 43 | 2 | 5 | 101 ( 888) |
|  | X (1998) | K 3 | 43 | 51 | 2 | 5 | 101 ( 615) |
| 10000 | I (1953) | * |  |  |  |  |  |
|  | II (1958) | 120 | 63 | 28 | 2 | 7 | $100(765)$ |
|  | III (1963) | * |  |  |  |  |  |
|  | IV (1968) | * |  |  |  |  |  |
|  | V (1973) | * |  |  |  |  |  |
|  | VI (1978) | * |  |  |  |  |  |
|  | VII (1983) | * |  |  |  |  |  |
|  | VIII (1988) | M 5 | 53 | 41 | 3 | 4 | $101(1,019)$ |
|  | IX (1993) | M 5 | 48 | 45 | 2 | 4 | $99(1,017)$ |
|  | X (1998) | K 3 | 46 | 49 | 1 | 4 | 100 ( 724) |

## §7 General Social Problems

## \#7.1 Science and loss of human feeling

(JPN)
Some people say that with the development of science and technology, life becomes more convenient, but at the same time a lot of human feeling is lost. Do you agree with this opinion, or do you disagree?

| 1 Agree <br> 2 Undecided/it depends <br> 3 Disagree <br> 4 Other (Specify) |  |  |  |  |  |  | 5 D.K. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { O} \\ & \underset{\sim}{0} \\ & \text { n } \\ & \text { Z } \end{aligned}$ | $\begin{gathered} \mathbf{1} \\ \text { D } \\ \text { oq } \\ \stackrel{\sigma}{\sigma} \end{gathered}$ |  | $\begin{aligned} & \mathbf{3} \\ & \underset{U}{0} \\ & \text { O} \\ & 00 \\ & \stackrel{O}{\nabla} \end{aligned}$ | 4 O + $\stackrel{\text { ¢ }}{4}$ | 5 <br> $\bullet$ | Total |
| I (1953) | 5 | 30 | 17 | 35 | 1 | 17 | $100(2,254)$ |
| II (1958) | 3 | 33 | 17 | 34 | 0 | 16 | 100 ( 920) |
| III (1963) | 6 | 38 | 22 | 28 | 1 | 12 | $101(2,698)$ |
| IV (1968) | 7 | 40 | 16 | 35 | 1 | 8 | $100(3,033)$ |
| V (1973) | K10 | 50 | 21 | 22 | 1 | 6 | $100(3,055)$ |
| VI (1978) | K 2 | 43 | 21 | 30 | 1 | 5 | $100(2,032)$ |
|  | K+M | 48 | 20 | 28 | 1 | 4 | $101(4,429)$ |
| VII (1983) | K 3 | 46 | 19 | 30 | 1 | 3 | $99(2,256)$ |
|  | M 2 | 49 | 20 | -26 | 1 | 4 | $100(2,173)$ |
| VIII (1988) | K 4 | 47 | 24 | 26 | 1 | 3 | $101(1,858)$ |
| IX (1993) | K 3 | 51 | 26 | 19 | 0 | 3 | $99(1,833)$ |
| X (1998) | K 4 | 54 | 25 | 17 | 0 | 3 | $99(1,339)$ |

Cf. (USA88=UK87)
1 Agree
2 Disagree
3 Undecided/it depends
4 Other (Specify)
5 D.K.
\#7.2 Mechanization and human feeling
(JPN)
Some people say that no matter how mechanized the world gets, nothing can reduce the richness of human feelings. Do you agree with this opinion, or do you disagree?

```
1 Disagree
2 Undecided/it depends
3 Agree
4 Other (Specify)
5 D.K.
```

|  |  |  | $$ | $\begin{gathered} \mathbf{3} \\ b \\ \stackrel{\rightharpoonup}{0} \\ \stackrel{\rightharpoonup}{\phi} \end{gathered}$ | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 291) | 17 | 8 | 58 | 1 | 16 | $100(2,254)$ |
| II (1958) | 24 | 21 | 10 | 53 | 1 | 16 | 101 ( 920) |
| III (1963) | 12 | 18 | 19 | 49 | 0 | 13 | $99(2,698)$ |
| IV (1968) | 13 | 22 | 13 | 56 | 1 | 9 | $101(3,033)$ |
| V (1973) | K18 | 31 | 20 | 42 | 1 | 7 | $101(3,055)$ |
| VI (1978) | K12 | 25 | 15 | 53 | 1 | 6 | $100(2,032)$ |
| VII (1983) | M 8 | 31 | 17 | 46 | 1 | 5 | $100(2,173)$ |
| VIII (1988) | K27 | 33 | 22 | 42 | 1 | 3 | $101(1,858)$ |
| IX (1993) | K13 | 25 | 24 | 47 | 0 | 4 | $100(1,833)$ |
| X (1998) | K13 | 30 | 22 | 44 | 0 | 3 | $99(1,339)$ |

1) Some people say that however advanced civilization becomes, nothing can reduce the richness of human feelings. Do you agree with this opinion, or do you disagree?

Cf. (USA88)

```
1 Agree
2 Disagree
3 Undecided/it depends
4 Other (Specify)
5 \text { D.K.}
```

Cf. (UK87)
Some people say that however mechanized the world gets, nothing can reduce the richness of human feelings. Do you agree with this opinion, or do you disagree?

```
1 \text { Agree}
2 Disagree
3 Undecided/it depends
4 D.K.
```

\#7.4 Improve the country or make people happy
(USA88)
(Hand card) Please choose from among the following statements the one with which you agree most.

1 If individuals are made happy, then and only then will the country as a whole improve
2 If the country as a whole improves, then and only then can individuals be made happy
3 Improving the country and making individuals happy are the same thing
4 Other (Specify)

$$
5 \quad \text { D.K. }
$$

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \text { R } \\ & \text { Z } \end{aligned}$ | 1 0 0 0 0 0 0 0 6 0 0 0 | 2 8 0 0 0 4 0 0 0 2 | 3 8 0 0 0 4 0 0 0 0 0 0 0 0 0 | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{9}{9} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \underset{\gamma}{\gamma} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 45 | 25 | 37 | 31 | 1 | 6 | $100(2,254)$ |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | 16 | 30 | 30 | 34 | 0 | 7 | $101(2,698)$ |
| IV (1968) | 19 | 27 | 32 | 36 | 1 | 5 | $101(3,033)$ |
| V (1973) | K25 | 30 | 26 | 37 | 0 | 6 | $99(3,055)$ |
| VI (1978) | K17 | 27 | 27 | 41 | 0 | 4 | $99(2,032)$ |
| VII (1983) | K18 | 25 | 30 | 40 | 1 | 4 | $100(2,256)$ |
| VIII (1988) | K16 | 29 | 25 | 42 | 0 | 4 | $100(1,858)$ |
| IX (1993) | K20 | 30 | 26 | 40 | 0 | 4 | $100(1,833)$ |
| X (1998) | K20 | 28 | 28 | 40 | 0 | 3 | $99(1,339)$ |

Cf. (UK87)
Please choose from these statements the one with which you agree most?
1 If people are made happy then and only then will the country as a whole improve
2 If the country as a whole improves then and only then can people be made happy
3 Improving the country and making people happy are the same thing
4 Other (Specify)
5 D.K.
\#7.4b National prosperity and general welfare
(JPN)
(Hand card) Opinions are divided about national prosperity, but which of these opinions do you agree with?

1 Even if the country becomes prosperous it only means that a minority get
rich: it doesn't make life any better for the people in general
2 If the country prospers life gets better for the people in general
3 Other (Specify) $4 \quad$ D.K.

|  | $\begin{aligned} & \text { O } \\ & \stackrel{\rightharpoonup}{0} \\ & 0 \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{+}{̣} \end{aligned}$ | $\begin{aligned} & 4 \\ & \bullet \\ & \underset{X}{4} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | M20 | 37 | 57 | 1 | 5 | $100(1,913)$ |
| VII (1983) | K30 | 33 | 63 | 1 | 3 | $100(2,256)$ |
| VIII (1988) | K29 | 47 | 48 | 1 | 3 | $99(1,858)$ |
| IX (1993) | K30 | 40 | 55 | 1 | 4 | $100(1,833)$ |
| X (1998) | K32 | 36 | 60 | 0 | 4 | $100(1,339)$ |

\#7.18 People's health in future
(JPN)
Do you think that people's health will improve in the future, or do you think it will get worse?

| $\mathbf{1}$ | Will improve |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Will get worse |  |  |
| $\mathbf{3}$ | Will not change |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & \underset{\overparen{O}}{6} \\ & \text { Z } \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{1} \\ & 3 \\ & 3 \\ & 0 \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \mathbf{3} \\ & \stackrel{0}{0} \\ & + \\ & 0 \\ & 0 .{ }_{0}^{0} \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 4 \\ & 0 \\ & + \\ & \stackrel{1}{9} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \forall \\ & \underset{i}{*} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | M27a | 25 | 55 | 13 | 1 | 6 | $100(1,539)$ |
| VI (1978) | M25a | 49 | 35 | 10 | 1 | 4 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |
| X (1998) | M32a | 16 | 67 | 13 | 0 | 4 | $100(1,341)$ |

Cf. (USA88)
1 Improve
2 Get worse
3 Not change
4 Other (Specify)
5 D.K.

Cf. (UK87)
And do you think people will be generally healthier in the future or will they be less healthy?

1 Healthier
2 Less healthy
3 About the same
4 D.K.
\#7.18b Peace of mind in future
(JPN)
What do you think about people's peace of mind? Will it increase or diminish?

| $\mathbf{1}$ | Will increase |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Will diminish |  |  |
| $\mathbf{3}$ | Will not change |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  |  |  | $\begin{aligned} & 2 \\ & 2 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | 3 0 0 0 0 0 0 0 0 | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{+}{\stackrel{1}{9}} \end{aligned}$ | $\stackrel{5}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | M27b | 13 | 64 | 13 | 1 | 9 | $100(1,539)$ |
| VI (1978) | M25b | 24 | 51 | 15 | 2 | 8 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |
| X (1998) | M32b | 9 | 70 | 16 | 0 | 4 | $99(1,341)$ |

Cf. (USA88)
How about people's peace of mind? Do you think it will increase or decrease?

> 1 Increase
> 2 Decrease
> $\mathbf{3}$ Not change
> $\mathbf{4}$ Other (Specify)
> 5 D.K.

Cf. (UK87)
What do you think about people's peace of mind? Will it increase or decrease?
1 Increase
2 Decrease
3 Not change
4 Other (Specify)
5 D.K.
\#7.18c Freedom in future
(JPN)
What do you think about people's freedom? Will it increase or diminish?

| $\mathbf{1}$ | Will increase |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Will diminish |  |  |
| $\mathbf{3}$ | Will not change |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { n } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & \mathbf{1} \\ & \mathbf{E} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 2 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | 3 0 0 0 0 0 0 0 0 | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{1}{9} \end{aligned}$ | $\begin{aligned} & 5 \\ & \underset{\sim}{2} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | M27c | 43 | 27 | 17 | 1 | 11 | $99(1,539)$ |
| VI (1978) | M25c | 51 | 24 | 16 | 1 | 8 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |
| X (1998) | M32c | 31 | 35 | 28 | 0 | 6 | $100(1,341)$ |

Cf. (USA88)
What about people's freedom? Do you think it will increase or decrease?
1 Increase
2 Decrease
3 Not change
4 Other (Specify)
5 D.K.
Cf. (UK87)
Do you think people will have more freedom or less freedom than they do now?
1 More freedom
2 Less freedom
3 About the same
4 D.K.
\#7.18d Affluence in future
(JPN)
Do you think people will become more affluent, or do you think they will become worse off?

| $\mathbf{1}$ | More affluent |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Worse off |  |  |
| $\mathbf{3}$ | No change |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & Z \\ & 0 \end{aligned}$ | $\begin{aligned} & 1 \\ & \text { 合 } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 2 \\ & \text { K } \\ & \text { 웅 } \\ & \dot{\infty} \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{3} \\ & \text { Z } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 4 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \vdots \\ & \vdots \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | M27d | 38 | 30 | 19 | 3 | 10 | $100(1,539)$ |
| VI (1978) | M25d | 44 | 25 | 21 | 2 | 8 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |
| X (1998) | M32d | 15 | 50 | 27 | 0 | 7 | $99(1,341)$ |

\#7.18e Happiness in future
(JPN)
Do you think people will become more happy, or more unhappy?
1 More happy
2 More unhappy
3 No change
4 Other (Specify) $\quad \mathbf{5} \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \% \\ & \vdots \\ & \hline 6 \end{aligned}$ | $\begin{aligned} & 1 \\ & 2 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ | 2 2 0 0 0 5 0 0 0 0 0 | $\begin{aligned} & 3 \\ & 3 \\ & \text { Z } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 4 \\ & 0 \\ & \stackrel{1}{\dot{9}} \end{aligned}$ | $\stackrel{5}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | M27e | 27 | 26 | 24 | 4 | 19 | $100(1,539)$ |
| VI (1978) | M25e | 37 | 19 | 24 | 5 | 16 | $101(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |
| X (1998) | M32e | 19 | 28 | 36 | 1 | 16 | $100(1,341)$ |

Cf. (USA88)
Do you think people, in general, will be more happy, or less happy than they are now?
1 More happy
2 Less happy
3 No change
4 Other (Specify)
5 D.K.

## Cf. (UK87)

Thinking of the country as a whole do you think that people will be happier in years to come or will they be less happy than they are now?

1 Happier
2 Less happy
3 About the same
4 D.K.
\#7.19 Ability or luck?
(USA88=UK87)
If you look at successful people in society today, which do you think has played the largest part in their success, their ability and effort, or luck and chance?

| $\mathbf{1}$ | Ability and effort |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Luck and chance |  |  |
| $\mathbf{3}$ | Other (Specify) | $\mathbf{4}$ | D.K. |


|  | $\begin{aligned} & \text { O} \\ & \mathscr{F} \\ & \mathscr{R} \\ & Z \\ & ? \end{aligned}$ | 1 <br> 0 <br> 0 <br> 0 <br> 0 <br> 4 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 | 2 5 0 0 0 0 0 0 2 0 0 | $\begin{aligned} & 3 \\ & 0 \\ & \stackrel{1}{9} \\ & \text { ? } \end{aligned}$ | $\begin{aligned} & \mathbf{4} \\ & \forall \\ & \vdots \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | M 2 | 44 | 38 | 9 | 8 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | M 6 | 49 | 35 | 12 | 5 | $101(1,824)$ |
| IX (1993) | M 6 | 52 | 35 | 8 | 5 | $100(1,905)$ |
| X (1998) | M 7 | 48 | 42 | 6 | 5 | $101(1,341)$ |

\#7.20 Personal responsibility
(JPN)
(Hand card) Do you agree or disagree with the view that the things that happen to people, both the good things and the bad things, are their own responsibility?

| 1 Agree <br> 2 Rather inclined to agree <br> 3 Rather inclined to disagree <br> 4 Disagree <br> 5 Other (Specify) |  |  |  |  |  |  | 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | O \% \% Z 0 | $\begin{aligned} & \mathbf{1} \\ & b \\ & \infty \\ & \underset{\sim}{\otimes} \end{aligned}$ |  |  |  | $$ | $\stackrel{6}{6}$ | Total |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | M11a | 32 | 28 | 16 | 15 | 2 | 6 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | K23 | 23 | 35 | 21 | 13 | 1 | 6 | $99(1,833)$ |
| X (1998) | K24 | 25 | 37 | 18 | 15 | 1 | 4 | $100(1,339)$ |

```
\#7.22 Money solves problems?
(JPN)
```

(Hand card) Do you agree or disagree with the view that there's almost no problem that can't be settled with money?

```
1 Agree
2 Rather inclined to agree
3 Rather inclined to disagree
4 Disagree
5 Other (Specify)
```

6 D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \text { B } \\ & \text { Z } \end{aligned}$ | $\begin{gathered} 1 \\ \infty \\ \text { b } \\ \stackrel{\otimes}{\otimes} \end{gathered}$ |  |  |  | $\begin{aligned} & 5 \\ & 0 \\ & \stackrel{+}{6} \end{aligned}$ | $\stackrel{6}{\ominus}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | M11b | 12 | 18 | 20 | 47 | 1 | 2 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | M16b | 11 | 31 | 24 | 32 | 1 | 1 | $100(1,824)$ |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | M27 | 5 | 23 | 36 | 35 | 0 | 1 | $100(1,341)$ |

\#7.24 Most important aspect of job
(JPN)
(Hand card) Here are some of the things people usually take into account in relation to their work. Which one would you personally place first?

1 A good salary
2 A safe job with no risk of closing down or unemployment
3 Working with people you like
4 Doing an important job which gives you a feeling of accomplishment
5 Other (Specify) $6 \quad$ D.K.

|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 3 \\ & 3 \end{aligned}$ | $\begin{gathered} 1 \\ p \\ p \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 4 \end{gathered}$ |  |  |  | $\begin{aligned} & 5 \\ & 0 \\ & \stackrel{+}{9} \\ & \stackrel{9}{9} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{\sim}{6} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | K24a | 7 | 23 | 30 | 38 | 0 | 2 | $100(2,032)$ |
| VII (1983) | K+M | 7 | 17 | 33 | 39 | 1 | 2 | $99(4,429)$ |
|  | K25 | 7 | 16 | 33 | 42 | 1 | 2 | $101(2,256)$ |
|  | M23 | 8 | 19 | 33 | 37 | 1 | 2 | $100(2,173)$ |
| VIII (1988) | K+M | 10 | 15 | 36 | 36 | 1 | 2 | $100(3,682)$ |
|  | K24 | 9 | 14 | 35 | 39 | 1 | 1 | $99(1,858)$ |
|  | M17 | 10 | 17 | 36 | 34 | 1 | 2 | $100(1,824)$ |
| IX (1993) | M16a | 12 | 20 | 31 | 33 | 0 | 3 | $99(1,905)$ |
| X (1998) | K+M | 7 | 23 | 29 | 36 | 0 | 4 | $99(2,680)$ |
|  | K30a | 7 | 18 | 31 | 41 | 0 | 2 | $99(1,339)$ |
|  | M17 | 7 | 29 | 26 | 32 | 0 | 5 | $99(1,341)$ |

Cf. (USA88 $=$ UK87)
1 A good salary so that you do not have any worries about money
2 A safe job with no risk of closing down or unemployment
3 Working with people you like
4 Doing an important job which gives you a feeling of accomplishment
5 Other (Specify)
6 D.K.
\#7.24b Second most important aspect of job
(JPN)
(Hand card) And which is next?

| 2 A safe job with no risk of closing down or unemployment <br> 3 Working with people you like <br> 4 Doing an important job which gives you a feeling of accomplishment <br> 5 Other (Specify) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \square \\ & \vdots \end{aligned}$ | $\begin{gathered} 1 \\ p \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 4 \end{gathered}$ |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{+}{\stackrel{1}{9}} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{i}{*} \end{aligned}$ | Total |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | K24b | 20 | 24 | 30 | 22 | 0 | 3 | $99(2,032)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M16b | 22 | 20 | 29 | 22 | 0 | 6 | $99(1,905)$ |
| X (1998) | K30b | 17 | 20 | 34 | 24 | - | 5 | $100(1,339)$ |

\#7.25 Life without work
(USA88)
(Hand card) Please read the two statements on this card. Which of these comes closest to your own opinion?

1 No matter how much money you have, life without work is unfulfilling
2 As long as you have money, life is fulfilling even if you don't have a job
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & \text { D } \\ & \text { O} \\ & \text { N } \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & o \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & \mathbf{4} \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | K24 | 83 | 14 | 1 | 2 | $100(2,256)$ |
|  | K+M | 77 | 19 | 1 | 2 | $99(3,682)$ |
| VIII (1988) | K23 | 80 | 17 | 1 | 2 | $100(1,858)$ |
|  | M11 | 75 | 21 | 2 | 2 | $100(1,824)$ |
| IX (1993) | M12 | 75 | 22 | 0 | 3 | $100(1,905)$ |
| X (1998) | M11 | 76 | 21 | 1 | 2 | $100(1,341)$ |

Cf. (UK87)
Which of these opinions comes closest to your own?
1 No matter how much money you have life without work is wasted 2 As long as you have money life isn't wasted even if you don't have a job 3 Other (Specify)
4 D.K.

| \#7.29 | Living conditions |
| :--- | :--- |
| (JPN) |  |

(Hand card) Which of the following five categories best describes your living conditions?

| $\mathbf{1}$ | Extremely well-off |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Fairly well-off |  |  |
| $\mathbf{3}$ | Average |  |  |
| $\mathbf{4}$ | Fairly needy |  |  |
| $\mathbf{5}$ | Extremely needy | $\mathbf{7}$ | D.K. |
| $\mathbf{6}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & 00 \\ & \text { O} \\ & \text { P } \\ & \vdots \end{aligned}$ |  |  |  |  |  | $\begin{aligned} & \hline 6 \\ & 0 \\ & \stackrel{\rightharpoonup}{\stackrel{\rightharpoonup}{\square}} \end{aligned}$ | $\begin{aligned} & 7 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |  |
| VII (1988) | M12 | 1 | 10 | 72 | 14 | 2 | 0 | 0 | $99(1,824)$ |
| X (1993) | M15 | 1 | 12 | 73 | 11 | 2 | - | 0 | $99(1,905)$ |
| X (1998) | M16 | 1 | 9 | 73 | 14 | 3 | - | 0 | $100(1,341)$ |

## \#7.30a Your standard of living in last ten years

(JPN)
(Hand card) Compared with ten years ago do you think your standards of living is ...

| $\mathbf{1}$ | Better |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Slightly better |  |  |
| $\mathbf{3}$ | About the same |  |  |
| $\mathbf{4}$ | Slightly worse |  |  |
| $\mathbf{5}$ | Worse | $\mathbf{7}$ | D.K. |
| $\mathbf{6}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & \text { O} \\ & \text { Wi } \\ & \vdots \\ & \vdots \end{aligned}$ |  | $\begin{aligned} & \mathbf{2} \\ & 0 \\ & 0 . \\ & 0 . \\ & \stackrel{0}{4} \\ & \stackrel{4}{4} \\ & \stackrel{0}{0} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ |  |  | $\begin{aligned} & \mathbf{5} \\ & \text { 眫 } \end{aligned}$ | $\begin{aligned} & 6 \\ & \text { O} \\ & \stackrel{+}{\square} \end{aligned}$ | $\begin{aligned} & 7 \\ & \underset{i}{7} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |
| VII (1983) | M14a | 17 | 32 | 35 | 10 | 4 | 0 | 1 | $99(2,173)$ |
| VIII (1988) | M25 | 10 | 31 | 43 | 10 | 4 | 0 | 1 | $99(1,824)$ |
| IX (1993) | M24 | 9 | 31 | 46 | 10 | 3 | - | 1 | $100(1,905)$ |
| X (1998) | M26 | 4 | 24 | 42 | 22 | 7 | - | 1 | $100(1,341)$ |

Cf. (USA88)
1 Much better
2 Slightly better
3 About the same
4 Slightly worse
5 Much worse
6 D.K.
Cf. (UK87)
Compared with ten years ago do you think your standards of living in British as a whole is:

## \#7.35 Environmental preservation

(USA88=UK87)
(Hand card) How important do you think it is to preserve the environment?

```
1 Very important
2 Important
3 Not very important
4 Not at all important
5 Other (Specify) 6 D.K.
```

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \text { P } \\ & \text { Z } \\ & 0 \end{aligned}$ |  | $\begin{aligned} & 2 \\ & B \\ & B \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & 4 \\ & 2 \\ & \vdots \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{1}{\dot{\sim}} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \dot{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | M27b | 37 | 50 | 9 | 1 | 1 | 3 | $101(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | K36 | 50 | 43 | 5 | 0 | - | 2 | $100(1,833)$ |
| X (1998) | K35 | 49 | 43 | 6 | 0 | - | 2 | $100(1,339)$ |

\#7.36 Science improves daily life?
(USA88)
(Hand card) To what extent do you think that science and its applications bring improvements to your everyday life?

| $\mathbf{1}$ | A lot |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | A little bit |  |  |
| $\mathbf{3}$ | Not at all |  |  |
| $\mathbf{4}$ | Other (Specify) | $\mathbf{5}$ | D.K. |


|  |  | $\begin{aligned} & 1 \\ & p \\ & \vdots \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & 4 \\ & 0 \\ & 0 \\ & \stackrel{+}{4} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \forall \\ & \underset{X}{\prime} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |
| VII (1983) | M28 | 39 | 48 | 7 | 1 | 4 | $99(2,173)$ |
| VIII (1988) | * |  |  |  |  |  |  |
| IX (1993) | K35 | 47 | 41 | 6 | 0 | 6 | $100(1,833)$ |
| X (1998) | K34 | 40 | 44 | 8 | - | 7 | $99(1,339)$ |

Cf. (UK87)
To what extent do you think that science and its applications bring improvements in your everyday life?

```
\#7.40 Fairness of society
(JPN)
```

(Hand card) Generally speaking, do you think that Japanese society today is fair and just? Which of the following comes closest to how you feel?

| $\mathbf{1}$ | Fair and just |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | More or less fair and just |  |  |  |
| $\mathbf{3}$ | Not very fair or just |  |  |  |
| $\mathbf{4}$ | Not fair or just | $\mathbf{6}$ | D.K. |  |
| $\mathbf{5}$ | Other (Specify) |  |  |  |


|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { P } \\ & \text { Z } \\ & 0 \end{aligned}$ |  |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | M23 | 3 | 33 | 47 | 15 | 0 | 2 | $100(1,905)$ |
| X (1998) | M25 | 2 | 24 | 50 | 23 | 0 | 1 | $100(1,341)$ |

\#7.82 A diligent ant and an idle grasshopper
(USA88)
(Hand card) There is a story of a lazy grasshopper and a hard-working ant in one of Aesop's fables. When winter came, the grasshopper who spent the summer singing came for help to the ant who worked all through the summer. The ant could have given either of the two replies you see on this card. Which one of the two do you think suits you best as the conclusion of the story?

1 The ant sends the grasshopper away because it is only natural that the grasshopper should suffer now.
2 The ant first admonishes the grasshopper, saying "You are to blame for having been lazy. You should work harder from now on," and then shares his food.

3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \text { R } \\ & Z \\ & \vdots \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & \text { + } \\ & \stackrel{6}{6} \end{aligned}$ | $\begin{aligned} & \mathbf{4} \\ & \forall \\ & \underset{X}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | K29 | 12 | 85 | 0 | 3 | $100(1,833)$ |
| X (1998) | K31 | 13 | 85 | 0 | 2 | $100(1,339)$ |

Cf. (UK87)
There is a story of an idle grasshopper and diligent ant in one of Aesop's fables. When winter came, the grasshopper who spent the summer singing came for help to the ant who worked all through the summer. The ant could have given either of the following two replies. Which one of the two do you think suits you best as the conclusion of the story?

1 The ant sends the grasshopper away because it is only natural that the grasshopper should suffer now
2 The ant first admonishes the grasshopper, saying, "You are to blame for having been idle. You should work harder from now on," and then shares his food
3 Other (Specify)
4 D.K.

## §8 Attitudes toward Politics

## \#8.1b Leave it up to political leaders

(JPN)
Some people say that if we get outstanding political leaders, the best way to improve the country is for the people to leave everything to them, rather than for the people to discuss things among themselves. Do you agree with this, or disagree?

1 Agree
2 Disagree
3 Other (Specify)
4 D.K.

|  | $$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & 6 \end{aligned}$ | + | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | K 8 | 32 | 58 | 2 | 7 | $99(2,032)$ |
|  | K+M | 33 | 60 | 3 | 5 | $101(4,429)$ |
| VII (1983) | K10 | 33 | 60 | 2 | 5 | $100(2,256)$ |
|  | M 7 | 32 | 59 | 3 | 5 | $99(2,173)$ |
| VIII (1988) | K 8 | 30 | 61 | 4 | 5 | $100(1,858)$ |
| IX (1993) | K 7 | 24 | 68 | 1 | 7 | $100(1,833)$ |
| X (1998) | K 8 | 26 | 67 | 1 | 6 | $100(1,339)$ |

Cf. (USA88)
1 Agree
2 Disagree
3 Undecided/it depends
4 Other (Specify)
5 D.K.
Cf. (UK87)
Some people say that if we get outstanding political leaders the best way to improve the country is to leave everything to them, rather than for people to discuss things amongst themselves. Do you agree with this or disagree?

Cf.
\#8.1 Leave it up to political leaders
(JPN)
Some people say that if we get good political leaders, the best way to improve the country is for the people to leave everything to them, rather than for the people to discuss things among themselves. Do you agree with this, or disagree?

1 Agree
2 Depends on circumstances and person
3 Disagree
4 Can't imagine there being such an outstanding politician
5 Other (Specify)
6 D.K.

|  | $\begin{aligned} & \text { O } \\ & \text { O} \\ & \text { B } \\ & \text { Z } \end{aligned}$ | $\begin{gathered} \mathbf{1} \\ D \\ \infty \\ \underset{\sim}{\infty} \end{gathered}$ |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{+}{4} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \forall \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | $30^{1)}$ | 43 | 9 | 38 | 3 | 0 | 7 | $100(2,254)$ |
| II (1958) | ${ }_{112}^{12}$ | 35 | 10 | 44 | 2 | 0 | 9 | $100(2,369)$ |
| III (1963) | 11 | 29 | 13 | 47 | 4 | 1 | 7 | $101(2,698)$ |
| IV (1968) | 12 | 30 | 10 | 51 | 3 | 1 | 5 | $100(3,033)$ |
| V (1973) | K15 | 23 | 15 | 51 | 5 | 1 | 6 | $101(3,055)$ |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |
| X (1998) | * |  |  |  |  |  |  |  |

1) This question is worded slightly different on the JPN first nationwide survey in 1953.
\#8.6 Interest in elections
(JPN)
(Hand card) What do you do in general elections for the House of Representatives?
1 Let nothing stand in the way of voting
2 Try to vote as much as possible
3 Not much interested in voting
4 Hardly ever vote
5 Other (Specify) $6 \quad$ D.K.

|  | $\begin{aligned} & \text { O} \\ & \stackrel{\rightharpoonup}{0} \\ & \text { B } \\ & \text { Z } \end{aligned}$ |  |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{\rightharpoonup}{9} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | $\begin{array}{r}34 \\ 134 \\ \hline\end{array}$ | 62 | 32 | 3 | 2 | 1 | 1 | $101(2,369)$ |
| III (1963) | 33 | 53 | 41 | 4 | 1 | 0 | 1 | $100(2,698)$ |
| IV (1968) | 38 | 51 | 44 | 4 | 1 | 0 | 0 | $100(3,033)$ |
| V (1973) | K39 | 41 | 50 | 6 | 2 | 0 | 0 | $99(3,055)$ |
| VI (1978) | M18 | 45 | 47 | 5 | 3 | 0 | 0 | $100(1,913)$ |
| VII (1983) | M31 | 39 | 48 | 9 | 3 | 0 | 0 | $99(2,173)$ |
| VIII (1988) | K+M | 34 | 50 | 10 | 5 | 0 | 0 | $99(3,682)$ |
|  | K28 | 32 | 52 | 10 | 6 | 0 | 0 | $100(1,858)$ |
|  | M21 | 36 | 49 | 10 | 5 | 0 | 0 | $100(1,824)$ |
| IX (1993) | K31 | 40 | 50 | 7 | 3 | 0 | 0 | $100(1,833)$ |
| X (1998) | K33 | 37 | 47 | 9 | 6 | 0 | 0 | $99(1,339)$ |

## \#8.7h Political party support

(JPN)
Which political party do you support?

| $\mathbf{1}$ | Jiyuminshuto (Liberal Democratic Party) |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Minshuto (The Democratic Party of Japan) |  |  |
| $\mathbf{3}$ | Shintoheiwa•Komei (New Peace Party/Komei) |  |  |
| $\mathbf{4}$ | Jiyuto (Liberal Party) |  |  |
| $\mathbf{5}$ | Nihonkyosanto (Japan Communist Party) |  |  |
| $\mathbf{6}$ | Shaminto (Social Democratic Party) |  |  |
| $\mathbf{7}$ | KaikakuKurabu (Reformers' network party) |  |  |
| $\mathbf{8}$ | Shinto-sakigake (Harbinger Party) |  |  |
| $\mathbf{9}$ | Other (Specify) | $\mathbf{1 1}$ | D.K. |
| $\mathbf{1 0}$ | No political party |  |  |


|  | $\begin{aligned} & \text { O} \\ & \stackrel{0}{0} \\ & \text { R } \\ & \text { Z } \end{aligned}$ |  |  |  | 4 <br>  <br>   <br>  |  | $\begin{gathered} \mathbf{6} \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline 0 \\ 0 \end{gathered}$ |  |  | $$ |  | $\begin{aligned} & 11 \\ & \forall \\ & \hdashline \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |  |  |  |  |  |
| IX (1993) | * |  |  |  |  |  |  |  |  |  |  |  |  |
|  | K+M | 21 | 8 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 57 | 3 | $100(2,680)$ |
| X (1998) | K37 | 22 | 7 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 57 | 3 | $100(1,339)$ |
|  | M33 | 20 | 8 | 3 | 1 | 3 | 3 | - | 0 | 0 | 57 | 3 | $98(1,341)$ |

Cf.
\#8.7 Political party support
(JPN)
Which political party do you support?

| $\mathbf{1}$ | Jiyuminshuto (Liberal Democratic Party) |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Minshato (Japan Democratic Socialist Party) |  |  |
| $\mathbf{3}$ | Nihonshakaito (Social Democratic Party of Japan) ${ }^{2)}$ |  |  |
| $\mathbf{4}$ | Nihonkyosanto (Japan Communist Party) |  |  |
| $\mathbf{5}$ | Komeito (Komeito Clean Party) |  |  |
| $\mathbf{6}$ | Shinjiyu Kurabu (New Liberal Club) |  |  |
| $\mathbf{7}$ | Shakaiminshurengo (Social Democratic Federation) |  |  |
| $\mathbf{8}$ | No political party |  |  |
| $\mathbf{9}$ | Other (Specify) | $\mathbf{1 0}$ | D.K. |



1) Liberal party and Progressive party support
2) The right wing and the left wing of Socialist party

Cf.
\#8.7g Political party support
(JPN)
Which political party do you support?

```
1 Jiyuminshuto (Liberal Democratic Party)
2 Nihonshakaito (Social Democratic Party of Japan)
3 Shinseito (Renewal Party)
4 Komeito (Komeito Clean Party)
5 Nihonshinto (New Japan Party)
6 \text { Minshato (Japan Democratic Socialist Party)}
7 Nihonkyosanto (Japan Communist Party)
8 Shinto-sakigake (Harbinger Party)
9 Shakaiminshurengo (Social Democratic Federation)
10 Other (Specify)
11 No political party 12 D.K.
```

|  | $\begin{aligned} & 0 \\ & 0 \\ & \mathscr{O} \\ & z \\ & \vdots \end{aligned}$ |  |  |  |  | $\begin{aligned} & \mathbf{5} \\ & \text { z } \\ & \vdots \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  | 7 2 2 0 0 0 0 0 0 0 0 0 |  |  | $\begin{aligned} & 10 \\ & 0 \\ & \stackrel{\rightharpoonup}{\oplus} \\ & \stackrel{\oplus}{9} \end{aligned}$ | $\begin{aligned} & 11 \\ & z \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & y \end{aligned}$ | $\begin{aligned} & 12 \\ & \forall \\ & \underset{~}{i} \end{aligned}$ |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IX (1993) | K+M | 27 | 9 | 5 | 3 | 6 | 6 | 1 | 1 | 1 | 0 | 0 | 41 |  |  | $98(3,738)$ |
|  | K39 | 29 | 8 | 5 | 4 | 6 | 6 | 1 | 1 | 1 | 0 | 0 | 41 |  |  | $100(1,833)$ |
|  | M33 | 25 | 10 | 6 | 3 | 6 | 6 | 2 | 2 | 1 | 0 | 0 | 42 |  |  | $100(1,905)$ |
| X (1998) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\#8.9 How to express social dissatisfaction
(JPN)
(Hand card) Supposing that you had some dissatisfaction with society. What attitude would you take?

1 Take it into account when you go to vote
2 Take other legal action like making a petition, collecting signatures, demonstrating, going on strike, etc.
3 Possibly, in some circumstances, resorting to illegal measures
4 Not doing anything, even if you did have some dissatisfaction
5 Other (Specify)
6 D.K.

|  |  |  |  |  | 4 <br> 2 <br> 2 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 4 <br> 0 | $\begin{aligned} & 5 \\ & 0 \\ & \stackrel{+}{9} \end{aligned}$ | $\begin{aligned} & 6 \\ & \underset{X}{6} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| V (1968) | * |  |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |  |
| VI (1978) | M24 | 37 | 15 | 4 | 38 | 1 | 4 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | M22 | 42 | 6 | 3 | 46 | 1 | 3 | $101(1,824)$ |
| IX (1993) | M21 | 49 | 7 | 5 | 34 | 0 | 5 | $100(1,905)$ |
| X (1998) | M23 | 51 | 10 | 5 | 31 | 0 | 4 | $101(1,341)$ |

## §9 Race and the Japanese People

\#9.1 Strong points of Japanese character
(JPN)
(Hand card) Which of the following adjectives do you think describes the character of the Japanese people? Choose as many as you like.

1 Rational
2 Diligent
3 Free
4 Open, frank
5 Persistent
6 Kind
7 Original
8 Polite
9 Cheerful
10 Idealistic
11 Other (Specify) 12 D.K.

|  | $\begin{aligned} & 0 \\ & \text { O} \\ & \text { O } \\ & \text { Z } \\ & 0 \end{aligned}$ | $\begin{gathered} 1 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{gathered}$ | $\begin{aligned} & \mathbf{2} \\ & \underset{H}{U} \\ & \text { 品 } \\ & \text { O } \end{aligned}$ | $\begin{aligned} & \mathbf{3} \\ & \stackrel{\rightharpoonup}{8} \end{aligned}$ | $\begin{aligned} & 4 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $$ | $\begin{aligned} & \mathbf{6} \\ & \text { N } \end{aligned}$ |  | $\begin{aligned} & 8 \\ & \stackrel{0}{\vdots} \\ & \stackrel{0}{\circ} \end{aligned}$ |  | $\begin{aligned} & 10 \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\rightharpoonup}{n} \\ & \stackrel{\rightharpoonup}{\circ} \end{aligned}$ | 11 0 $\stackrel{1}{9}$ $\stackrel{8}{7}$ | $\begin{aligned} & 12 \\ & \forall \\ & i \end{aligned}$ | Total (Multiple answer) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |
| II (1958) | $\begin{array}{r} 28 \\ 128 \end{array}$ | 11 | 55 | 15 | 19 | 48 | 50 | 8 | 47 | 23 | 32 |  | 12 | - (2,369) |
| III (1963) | 32a | 8 | 60 | 10 | 15 | 55 | 42 | 7 | 43 | 14 | 23 | 1 | 9 | - $(2,698)$ |
| IV (1968) | 37a | 10 | 61 | 12 | 13 | 58 | 45 | 8 | 47 | 13 | 23 | 1 | 5 | - (3,033) |
| V (1973) | K38a | 13 | 66 | 9 | 14 | 52 | 31 | 7 | 37 | 9 | 21 |  | 6 | - $(3,055)$ |
| VI (1978) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VII (1983) | K31 | 22 | 69 | 17 | 12 | 61 | 42 | 11 | 47 | 12 | 30 |  | 2 | - $(2,256)$ |
| VIII (1988) | K30 | 22 | 72 | 14 | 13 | 50 | 38 | 10 | 50 | 9 | 27 | 1 | 3 | - $(1,858)$ |
| IX (1993) | * |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X (1998) | K36 | 18 | 71 | 13 | 14 | 51 | 42 | 7 | 50 | 8 | 23 | 0 | 4 | - $(1,339)$ |

## \#9.6 Superior or inferior: Japanese and Western people <br> (JPN)

Generally speaking, would you say that the Japanese people are superior to, or inferior to Western peoples?

| $\mathbf{1}$ | Japanese superior |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Japanese inferior |  |  |
| $\mathbf{3}$ | The same |  |  |
| $\mathbf{4}$ | Undecided | $\mathbf{6}$ | D.K. |
| $\mathbf{5}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { R } \\ & \text { Z } \\ & ? \end{aligned}$ | 1 <br>  <br>  <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 |  |  | $\begin{aligned} & \mathbf{4} \\ & \text { G } \\ & 0 \\ & 0 \\ & 0 . \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{1}{9} \end{aligned}$ | $\stackrel{6}{\bullet}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | 25 | 20 | 28 | 14 | 21 | 1 | 15 | $99(2,254)$ |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | 30 | 33 | 14 | 16 | 27 | 1 | 9 | $100(2,698)$ |
| IV (1968) | 35 | 47 | 11 | 12 | 21 | 1 | 7 | $99(3,033)$ |
| V (1973) | K16 | 39 | 9 | 18 | 26 | 0 | 7 | $99(3,055)$ |
| VI (1978) | * |  |  |  |  |  |  |  |
| VII (1983) | K11 | 53 | 8 | 12 | 21 | 2 | 5 | $101(2,256)$ |
| VIII (1988) | * |  |  |  |  |  |  |  |
| IX (1993) | K17 | 41 | 6 | 27 | 20 | 0 | 5 | $99(1,833)$ |
| X (1998) | K17 | 33 | 11 | 32 | 19 | 0 | 6 | $101(1,339)$ |

\#9.12 Level of science and technology in Japan
(JPN)
(Hand card) How would you rate the level of science and technology in Japan today? Which of the following four categories would you put it in?

| $\mathbf{1}$ | Very high |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Fairly high |  |  |
| $\mathbf{3}$ | Fairly low |  |  |
| $\mathbf{4}$ | Very low |  |  |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ | D.K. |


|  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \vdots \end{aligned}$ |  | $\begin{aligned} & \mathbf{2} \\ & \text { ت } \\ & \text { E. } \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \mathbf{4} \\ & \stackrel{\leftrightarrow}{4} \\ & \stackrel{\circ}{4} \end{aligned}$ | $\begin{aligned} & 5 \\ & \text { } \\ & \text { 욱 } \end{aligned}$ | $\begin{aligned} & 6 \\ & \underset{i}{6} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M25a | 33 | 49 | 6 | 2 | 0 | 10 | $100(1,539)$ |
| VI (1978) | M22a | 37 | 48 | 5 | 1 | 1 | 9 | $101(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VII (1988) | M27a | 43 | 45 | 4 | 1 | 0 | 7 | $100(1,824)$ |
| IX (1993) | M28a | 46 | 43 | 3 | 0 | 0 | 7 | $99(1,905)$ |
| X (1998) | M29a | 24 | 57 | 10 | 1 | - | 8 | $100(1,341)$ |

```
#9.12b Artistic achievement of Japan
(JPN)
```

(Hand card) What about the level of artistic achievement? How would Japan rate?

| $\mathbf{1}$ | Very high |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Fairly high |  |  |
| $\mathbf{3}$ | Fairly low |  |  |
| $\mathbf{4}$ | Very low |  |  |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ | D.K. |


|  |  |  |  |  | $\begin{aligned} & 4 \\ & \text { 品 } \\ & \stackrel{\circ}{4} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \text { 产 } \end{aligned}$ | $\begin{aligned} & 6 \\ & 0 \\ & \vdots \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M25b | 14 | 48 | 16 | 2 | 0 | 19 | $99(1,539)$ |
| VI (1978) | M22b | 18 | 53 | 12 | 2 | 1 | 14 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | M27b | 12 | 47 | 24 | 4 | 1 | 12 | $100(1,824)$ |
| IX (1993) | M28b | 14 | 54 | 19 | 2 | 0 | 11 | $100(1,905)$ |
| X (1998) | M29b | 7 | 54 | 23 | 3 | 0 | 12 | $99(1,341)$ |

\#9.12c Economic achievement of Japan
(JPN)
(Hand card) What about the level of economic achievement? How would Japan rate?

| $\mathbf{1}$ | Very high |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Fairly high |  |  |
| $\mathbf{3}$ | Fairly low |  |  |
| $\mathbf{4}$ | Very low | $\mathbf{6}$ | D.K. |
| $\mathbf{5}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & \mathbb{O} \\ & \text { O} \\ & \overparen{R} \\ & \text { Z } \\ & 0 \end{aligned}$ |  |  |  | $\begin{aligned} & 4 \\ & \stackrel{9}{4} \\ & \stackrel{\circ}{8} \end{aligned}$ | $\begin{aligned} & 5 \\ & 0 \\ & \text { ㅁ } \\ & \text { • } \end{aligned}$ | $\stackrel{6}{\square}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M25c | 25 | 42 | 19 | 5 | 1 | 9 | $101(1,539)$ |
| VI (1978) | M22c | 23 | 43 | 19 | 5 | 0 | 8 | $98(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | M27c | 42 | 40 | 10 | 2 | 0 | 6 | $100(1,824)$ |
| IX (1993) | M28c | 33 | 46 | 14 | 3 | 0 | 4 | $100(1,905)$ |
| X (1998) | M29c | 4 | 28 | 42 | 23 | - | 3 | $100(1,341)$ |

\#9.12d Standard of living in Japan?
(JPN)
(Hand card) What about the standard of living? How would Japan rate?

| $\mathbf{1}$ | Very high |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Fairly high |  |  |
| $\mathbf{3}$ | Fairly low |  |  |
| $\mathbf{4}$ | Very low |  |  |
| $\mathbf{5}$ | Other (Specify) | $\mathbf{6}$ | D.K. |


|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { R } \\ & \vdots \end{aligned}$ |  |  |  | $\begin{aligned} & 4 \\ & 8 \\ & 8 \\ & \stackrel{8}{4} \\ & \stackrel{\circ}{4} \end{aligned}$ | $$ | $\begin{aligned} & 6 \\ & \underset{\sim}{6} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M25d | 9 | 42 | 32 | 10 | 1 | 5 | $99(1,539)$ |
| VI (1978) | M22d | 11 | 52 | 25 | 7 | 1 | 4 | $100(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | M27d | 17 | 56 | 19 | 3 | 1 | 4 | $100(1,824)$ |
| IX (1993) | M28d | 16 | 58 | 20 | 2 | 0 | 3 | $99(1,905)$ |
| X (1998) | M29d | 5 | 48 | 38 | 6 | - | 2 | $99(1,341)$ |

\#9.12e Richness of emotional life in Japan
(JPN)
(Hand card) What about the richness of the emotional life of the Japanese people?
How would you rate that?

| $\mathbf{1}$ | Very high |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | Fairly high |  |  |
| $\mathbf{3}$ | Fairly low |  |  |
| $\mathbf{4}$ | Very low | $\mathbf{6}$ | D.K. |
| $\mathbf{5}$ | Other (Specify) |  |  |


|  | $\begin{aligned} & \text { O} \\ & \stackrel{ᅲ}{6} \\ & \text { 2 } \\ & \text { Z } \end{aligned}$ |  |  |  |  | $\begin{aligned} & \mathbf{5} \\ & 0 \\ & \stackrel{5}{4} \end{aligned}$ | $\begin{aligned} & 6 \\ & \forall \\ & \underset{x}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |  |
| V (1973) | M25e | 6 | 33 | 40 | 14 | 1 | 6 | $100(1,539)$ |
| VI (1978) | M22e | 6 | 39 | 37 | 11 | 1 | 5 | $99(1,913)$ |
| VII (1983) | * |  |  |  |  |  |  |  |
| VIII (1988) | M27e | 4 | 34 | 41 | 14 | 0 | 5 | $98(1,824)$ |
| IX (1993) | M28e | 4 | 37 | 43 | 11 | 0 | 5 | $100(1,905)$ |
| X (1998) | M29e | 2 | 24 | 50 | 21 | 0 | 3 | $100(1,341)$ |

$\frac{\text { \#9.14 } \quad \text { Marriage with a foreigner }}{(J P N)}$
Suppose your child said "I want to marry a foreigner." Would you approve or disapprove?

| $\mathbf{1}$ | Approve |
| :--- | :--- |
| $\mathbf{2}$ | Disapprove |
| $\mathbf{3}$ | Depends on the circumstances |
| $\mathbf{4}$ | Other (Specify) |

5 D.K.

|  | $\begin{aligned} & 0 \\ & 0 \\ & \text { O} \\ & \text { Z } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & 1 \\ & \text { 䆜 } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{2} \\ & \underset{U}{0} \\ & \text { O} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & 4 \\ & 0 \\ & \text { o } \\ & \underset{4}{4} \end{aligned}$ | $\begin{aligned} & \mathbf{5} \\ & \underset{\sim}{x} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |  |
| VIII (1988) | M 3 | 29 | 36 | 28 | 4 | 2 | $99(1,824)$ |
| IX (1993) | M 3 | 30 | 34 | 31 | 2 | 3 | $100(1,905)$ |
| X (1998) | M 6 | 40 | 29 | 28 | 1 | 3 | $101(1,341)$ |

\#9.16 International contribution
(JPN)
(Hand card) Here are two opinions concerning Japan from now on. Which comes closest to the way you feel?

1 We must help foreign countries even if our own standard of living falls somewhat
2 Even now we still must think first about raising our own standard of living
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & 0 \\ & \stackrel{0}{0} \\ & \text { Z } \end{aligned}$ |  | $\begin{aligned} & 2 \\ & 2 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \text { 0 } \end{aligned}$ | $\begin{aligned} & 4 \\ & \underset{\sim}{4} \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M29 | 35 | 57 | 1 | 6 | $99(1,905)$ |
| X (1998) | M31 | 39 | 53 | 1 | 7 | $100(1,341)$ |

## \#9.17 Global environment <br> (JPN)

(Hand card) Here are two opinions concerning the global environment and our lives. Which comes closest to the way you feel?

1 Each of us must do his part to protect the world environment, even if our lives become somewhat less convenient than they are now
2 Even now we still must think of making our own lives more convenient
3 Other (Specify)
4 D.K.

|  | $\begin{aligned} & \text { O} \\ & \text { O} \\ & \text { R } \\ & \text { Z } \end{aligned}$ |  |  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \\ & \stackrel{+}{\varphi} \end{aligned}$ | $\begin{aligned} & 4 \\ & \bullet \\ & i \end{aligned}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I (1953) | * |  |  |  |  |  |
| II (1958) | * |  |  |  |  |  |
| III (1963) | * |  |  |  |  |  |
| IV (1968) | * |  |  |  |  |  |
| V (1973) | * |  |  |  |  |  |
| VI (1978) | * |  |  |  |  |  |
| VII (1983) | * |  |  |  |  |  |
| VIII (1988) | * |  |  |  |  |  |
| IX (1993) | M30 | 79 | 17 | 0 | 4 | $100(1,905)$ |
| X (1998) | M30 | 85 | 13 | 0 | 2 | $100(1,341)$ |

## APPENDIX

# Statistical Research of the Japanese National Character: General Trends in Attitude over the Latter Half of the Twentieth Century 

Yoshiyuki Sakamoto<br>Institute of Statistical Mathematics<br>4-6-7, Minami-Azabu, Minato-ku, Tokyo 106-8569

## §1 Purpose of the Research

The purpose of our statistical research of the Japanese national character is to clarify what aspects of the Japanese way of thinking have changed and what aspects have not changed, based on the analysis of responses to the questions asked repeatedly over a long period of time. For this purpose, a statistical survey of the Japanese national character was first carried out in 1953 by the Research Committee of the Institute of Statistical Mathematics. Since then, a similar statistical survey has been conducted every five years, for a total of ten surveys. The latest tenth nationwide survey was conducted in October 1998. (For the sampling and interviewing methods, see Note 1.) Therefore, these surveys cover most of the latter half of the twentieth century. (The questions and simple tabulations of these surveys are shown in Sakamoto et.al (2000).)

## §2 Attitude Trends Apparent from Questions Having Been Asked Since 1953

The most notable characteristics of attitude trends over the period 1953 to the 1970's are the following two points:

- There were great changes in attitude trends that were related to politics, social problems, lifestyles and so on. In contrast, most of the responses concerning personal relations changed very little over this period. (For more details, see Note 2.) (However, as stated in the following section, some of the responses concerning human relations in the workplace have been gradually changing in recent years.)

[^3]- Until the early 1970's, traditional attitudes decreased and modernized (e.g. democratic and individualistic) attitudes increased. However, this modernization in the attitude trends slightly reversed or regressed in the middle of the 1970's, around just after the first oil crisis, which implied that the attitude trends up to the early 1970's had changed.

However, these new attitude trends did not last until the 1980's, and the attitude trends have become chaotic since then. Thus, modernization is over, and also the regressive phenomenon is over, and Japanese attitude trends are now at a new stage. In the following chapter, we will focus our attention on attitude trends after the 1970's, based on the analysis of responses to questions developed after 1973 as well as to those having been asked since the beginning of the survey.

## §3 Main Findings Related to Attitude Trends After the 1970's

## §3.1 Importance of family

The response "the most important thing is family" is a typical example that showed a sudden increase just after 1973 and a steady increase through the current period. This opinion underwent a $28 \%$ increase, rising from $12 \%$ in 1958 to $40 \%$ in 1998 .

Also, we questioned: "Here are two examples of the kind of things a parent might say to his child who has left school and got a job and is just about to leave home. Which do you think is the better? (a) If things go wrong for you in some way, you should always come and consult us first; (b) From now on, even if things go wrong for you, you shouldn't depend on your parents." For this question, those who selected the first opinion increased from $58 \%$ to $76 \%$. This implies that feelings of dependency between parents and children have increased considerably.

In connection with this, we should note that there has been a great change in the response to a question concerning people's lifestyle for this half century, particularly by the 1970's. That is, there has been a large decrease in the response "resist all evils in the world and live a pure and just life," while there has been a great increase in the responses "don't think about money or fame; just live a life that suits your own taste" and "live each day as it comes, cheerfully and without worrying."

## §3.2 Growing popularity of women

To examine choice of gender, the following question was asked, "If you could be born again, would you rather be a man or woman?" To this question, about $90 \%$ of men chose "man" in every survey. In contrast, women who chose "woman" showed a remarkable increase during 40 years, from $27 \%$ in 1958 to $67 \%$ in 1998 (Figures 1 and 2).

While until 20 years ago those who felt "men get more pleasure out of life than women" were an overwhelming majority of both men and women, this opinion decreased greatly in the latest survey. In particular, women who felt "women get more pleasure" became a majority in 1998 (Figure 2).

In addition, the opinion "If I had only one child, I would prefer to have a girl rather than a boy" increased by $18 \%$, from $29 \%$ to $47 \%$ over the last ten years (Figure 2).

These results raise the following questions for future research. Has women's status improved? Or has women's popularity merely gone up? Or has male dominated society lost its appeal for women?

Finally, 40 years ago the majority of people held the opinion "There is a difference in ability between men and women." However, in the latest 1998 survey those who answered "no difference" exceeded those who answered "there is a difference" among both men and women for the first time.

In the meantime, do attitudes change as the period changes? Do attitudes change as people become older? Or do attitudes change as generations change? To solve this type of problem, Nakamura(1986) has developed a Bayesian cohort analysis (Note 3). According to this method, the following results were obtained: It was mainly due to the period effect that females who chose "woman" in the choice of gender have increased and females who felt "women get more pleasure" have increased. In contrast, it was due to the change of generations that females responding "there is no gender difference in ability" have increased (Note 3). This means that people who believe "there is a difference" do not change their opinion after they are 20 years old. In other words, this implies that views toward gender differences in ability have already formed by the time people are 20 years old.

## §3.3 A return to nature

Although the opinion "in order to be happy, man must conquer nature" had increased from 1953 to 1968, it began to drop suddenly in 1973. In contrast, the opinion "man must follow nature" began to increase since 1973, and reached $49 \%$ in 1998. Recently, the opinion "the protection of the environment is important" has also increased.

It seems that these results indicate people's strong inclinations toward respecting nature and the protection of the environment.

## §3.4 Is spirituality stable?

Attitudes toward both spirituality and personal relations have been the two most stable of all questionnaire items of these surveys. For example, the percentage of people having personal religious faith has not changed significantly over these forty years.

However, some responses concerning spirituality have been gradually changing in recent years. First, the opinion "spirituality is important" showed a $12 \%$ decrease from $80 \%$ to $68 \%$ over the past 15 years. Also, the opinion "I am more inclined to honor my ancestors than the average" has been decreasing little by little from $72 \%$ to $60 \%$ over the past 20 years.

## §3.5 Are human relations in the workplace stable?

In 1973 people who would prefer to work for "a firm which paid good wages, but where they did nothing like organizing outings and sports days for the employees' recreation" totaled $21 \%$. Meanwhile, the percentage preferring to work for "a firm with a family-like atmosphere which organized outings and sports days, even if the wages were a little bit lower" amounted to $74 \%$. Therefore, 25 years ago, the majority preferred to work for a
firm with a family-like atmosphere at the cost of good wages. However, this opinion has shown a $12 \%$ decrease to $62 \%$ over the past 25 years (Figure 3).

Next, the opinion "Supposing that I am working for a firm, it is better to have social contacts with the superior outside of work " has also dropped from $72 \%$ to $55 \%$ over the last 25 years (Figure 3).

In connection to this, the issue of bringing personal relations into the sphere of one's workplace is expressed in the following question asking what type of superior is preferred: "Suppose you are working in a firm. Which of the following department chiefs would you prefer to work under?" In 1983 the percentage of respondents who wanted to work under "a man who sometimes demands extra work in spite of rules against it, but on the other hand, looks after you personally in matters not connected with the work" reached a peak of almost $90 \%$ (Figure 3). Even in the latest survey this response was supported by $80 \%$ of the respondents. However, the percentage of respondents who chose "a man who always sticks to the work rules and never demands any unreasonable work, but on the other hand, never does anything for you personally in matters not connected with the work" reached a new high in 1998 with $16 \%$ of respondents choosing this category. The Bayesian cohort analysis shows that this is a trend particularly among young people in recent years. Therefore, it might be a sign of future human relations in the workplace (Note 3).

The above mentioned findings might imply that some of the attitudes toward human relations in the workplace have been changing gradually in recent years.

## §3.6 Pessimism increasing about Japan

The greatest change in response percentages of the latest 1998 survey was a sharp increase in pessimistic views toward Japan in various aspects.

Since 1973, the year of the first oil crisis, the evaluation toward Japan went up with regard to such things as "economic achievement," "standard of living," "level of science and technology," "artistic achievement" and "richness of emotional life." In the latest survey, however, the evaluation has dropped to the level in 1973 or lower in all of these aspects (Figure 4). In particular, "economic achievement" showed the biggest decline to $32 \%$ in the two combined categories "very good" and "fairly good," which was even less than the previous low of $67 \%$ in 1973. Moreover, those who answered in 1998 that the level of science and technology was "very good" or "fairly good" were almost the same as in 1973, but the percentage of "very good" in 1998 were $9 \%$ less than in 1973.

Next, people's outlook for the future Japan has become bleak in various aspects. Especially, the view "people will become affluent" showed a sharp decline of $23 \%$ from $38 \%$ in 1973 to $15 \%$ in 1998. In addition, "freedom in future," "people's health in future" and "happiness in future" were also about $10 \%$ less than 1973.

It is undeniable that in 1998 pessimistic views about Japan have increased greatly in a variety of areas, particularly with respect to the economy, and that pessimism in these areas has now reached its highest level ever during the period of this survey. However, it was the first time that almost all items had had such great declines. This suggests that we should check whether it is the recession that has influenced the Japanese to lose confidence in themselves.

Finally, it is due to similar reasons that people being dissatisfied with the society have increased and people feeling "Japanese society is not fair" have also increased.

Although it is difficult to summarize the above mentioned attitude trends over the latter half of the twentieth century, one point is that there has been a steady increase in the number of people who believe their private life is the most important. In this sense, the point could be expressed, not as "the diversification of values," but as "the unification of values."

## Note 1:

Sampling and interviewing methods are as follows:
Population: Japanese nationals, aged 20 and over
Target sample size: 3,000 to 6,000 (In the case of the tenth survey, out of the target sample of size $4,200,2,680$ were completed using face-to-face interviews, a completion rate of $64 \%$.)

Sampling method: Stratified three-stage probability sampling method
(Selection of the sample of each survey was carried out in three stages. First, boroughs, cities, towns and villages were stratified, taking into consideration district, population size (or number of voters) and other factors. From each stratum one administrative district was randomly chosen, with the probability of selection being proportionate to the size of population (or number of voters). In the tenth survey, 300 administrative districts were thus selected (Stage 1). Second, from each of the randomly selected administrative districts, one voting district was selected in the same way (Stage 2). Finally, from voter lists in the voting districts selected, respondents were chosen by means of systematic random sampling (Stage 3). A total of 4,200 respondents were drawn for the tenth survey.)

Questionnaire: In each survey, the questionnaire contained approximately 50 items, most of them being similar to those utilized in the previous surveys. However, since 1973 two different types of questionnaires have been used. One consists of items used in preceding surveys (referred to as 'K-type'), the other consists mainly of new items (referred to as 'M-type').

Also in the tenth survey, these two types of questionnaire were used, and each questionnaire was administered to one half of the total number of respondents. All the questions in the K-type questionnaire had previously appeared in the questionnaires of one or more of the previous surveys, most of them having been common to all surveys. In contrast, the majority of questions in the M-type questionnaire were developed after 1973. These items were formulated for the following reasons: (a) It was thought that the content of some of the questions might be outdated or no longer adequate, because over 45 years had passed since the original questionnaire items were formulated; (b) New questions were needed to facilitate the analysis of future attitude trends.

## Note 2:

Table 1 is the list of question items (response categories) which have changed greater than $20 \%$ over the period 1953 (in part, 1958 or 1963) to 1998. They are in order from the largest change to the smallest.

In contrast, Table 2 is question items (response categories) which showed little change (below 10\%) that are listed in order of their rank below. As seen from Table 2, many of those items deal with views on personal relations, particularly on human relations in the workplace.

## Note 3:

A Bayesian cohort analysis was developed to discriminate which of three effects (period effect, age effect and cohort effect) dominates the trend in attitudes (Nakamura 1986). In this method the goodness of fit of a Bayesian cohort model is evaluated by Akaike information criteria, AIC (Akaike 1973; Sakamoto et.al 1983) and ABIC (Akaike 1980; Sakamoto 1985). Figures 5 to 7 were obtained by Nakamura using the method. Dots in each figure show estimates of these effects. The larger the distance to the right of those dots is, the larger those estimates are. Therefore, we can say that as the range of dots in a figure is larger, the contribution of the relevant effect is larger.

Figure 5 shows that the period effect dominates an increase of females choosing "woman." Contrary to this, Figure 6 shows that the cohort effect dominates the increase in the number of respondents who choose "there is no gender difference in ability" among both males and females. Finally, from Figure 7, it is due to the period effect and cohort effect that "a man who never demands any unreasonable work, but never does anything for you personally" has increased among both males and females.

## Acknowledgement

The author is grateful to Professor T. Nakamura of the Institute of Statistical Mathematics for supplying figures obtained by the Bayesian cohort analysis and to Mr. D. B. Fouse of the School of the Graduate University for Advanced Studies for his careful reading of, and valuable comments on, the draft version.

## References

Akaike, H. (1973): Information Theory and an Extension of the Maximum Likelihood Principle, 2nd International Symposium on Information Theory (Petrov, B, N. and Csaki, F. eds.), Akademiai Kiado, Budapest, 267-281.
Akaike, H. (1980): Likelihood and Bayes Procedure, Bayesian Statistics (Bernardo, J. M., De Groot, M. H., Lindley, D. U. and Smith, A. F. M. eds.), University Press, Valencia, 143-166.
Nakamura, T. (1986): Bayesian Cohort Models for General Cohort Table Analysis, Ann. Inst. Statist. Math., 38, 353-370.
Sakamoto, Y. (1985): Categorical Data Analysis by AIC, Kluwer Academic Publishers, Dordrecht.
Sakamoto, Y., Ishiguro, M. and Kitagawa, G. (1983): Akaike Information Criterion Statistics, D. Reidel Publishing Company, Dordrecht.

Sakamotu, Y... Tsuchiya. T., Nakamura. T. Maeda, T. and Fouse, D. (2000): A Study of the Japanese National Character: The Tenth Nationwide Survey (1998), Research Report, No. 85, Institute of Statistical Mathematics.

TABLE 1

| Rank | item (category) | $1953 \rightarrow 1998$ | Difference |
| :---: | :---: | :---: | :---: |
| 1. | "If you never had children, it is desirable to adopt another person's child in order to continue the family line" (\#4.10) | $74 \% \rightarrow 22 \%$ | $-52 \%$ |
|  | "If you could be born again, would you rather be a woman" (from 1958, only female) (\#6.2) | $27 \% \rightarrow 67 \%$ | +40\% |
|  | "Prime Minister's visit to Ise Shrine is the individual's choice" (\#3.9) | $23 \% \rightarrow 62 \%$ | +39\% |
| 4. | "No political party support"(\#8.7) | 20\% $\rightarrow 57 \%$ | +37\% |
|  | " It is best to teach children of elementary school age that money is the most important thing" <br> (\#4.5) | $65 \% \rightarrow 31 \%$ | $-34 \%$ |
|  | "Women get more pleasure out of life than men" (from 1963, only female)(\#6.2d) | $13 \% \rightarrow 46 \%$ | +33\% |
|  | "The most important thing is family" (from 1958) (\#2.7) | $12 \% \rightarrow 40 \%$ | +28\% |
|  | "At the time of a general election, I let nothing stand in the way of voting" (from 1958) (\#8.6) | $62 \% \rightarrow 37 \%$ | $-25 \%$ |
|  | "With the development of science and technology, a lot of human feeling is lost" (\#7.1) | $30 \% \rightarrow 54 \%$ | +24\% |
| 10. | "In order to be happy, man must follow nature" (\#2.5) | 26\% $\rightarrow 49 \%$ | +23\% |
| $11 .$ | "If the teacher did something bad, it is better to affirm it to the child" (\#4.4) | $42 \% \rightarrow 64 \%$ | +22\% |
| $12 .$ | "Resist all evils in the world and live a pure and just life" (\#2.4) | $29 \% \rightarrow 8 \%$ | $-21 \%$ |
|  | "There is no gender difference in ability" (from 1958) (\#6.5) | 29\% $\rightarrow 50 \%$ | +21\% |

TABLE 2

| Rank item (category) | $1953 \rightarrow 1998$ Difference |
| :--- | :--- |

1. "Should employ the son of your benefactor (who $44 \% \rightarrow 42 \% \quad-2 \%$ got the second highest grade on the entrance exam) rather than the person with the highest grade" (from 1963)(\#5.1c-2)
2. "A man who sometimes demands extra work, in spite $85 \% \rightarrow 80 \% \quad-5 \%$ of rules against it, but on the other hand, looks after you personally in matters not connected with work" (\#5.6)
3. "Should employ the person with the highest grade on $\quad 75 \% \rightarrow 70 \% \quad-5 \%$ the entrance exam rather than your relative with the second highest grade" (from 1963)(\#5.1c-1)
4. "Even if it is an important meeting, if his father is critically ill he should leave everything and go back home" (\#5.1b)
5. "I have personal religious faith" (from 1958)(\#3.1) $35 \% \rightarrow 29 \% \quad-6 \%$
6. "If his benefactor is critically ill he should leave ev- $\quad 54 \% \rightarrow 46 \% \quad-8 \%$ erything and go back home" (\#5.1)
7. "If Japan as a whole improves, only then can individ- $\quad 37 \% \rightarrow 28 \% \quad-9 \%$ uals be made happy" (\#7.4)


FIGURE 1 Choice of gender
"If you could be born again, would you rather be a man or woman?"


FIGURE 2 Women's growing popularity (Female respondents)


## FIGURE 3 Human relations in the workplace



## FIGURE 4 Evaluation of Japan

"Very good"+"Fairly good"


FIGURE 5 Cohort anlysis of choice of gender - "Women"


FIGURE 6 Cohort anlysis of gender differences in ability - "No difference"


FIGURE 7 Cohort anlysis of type of boss preferred

- "A man who never demands any unreasonable work, but never does anything for you personally"


# A STUDY OF THE JAPANESE NATIONAL CHARACTER ： THE TENTH NATIONWIDE SURVEY（1998） 

English Edition

Yoshiyuki Sakamoto<br>Takahiro Tsuchiya<br>Takashi Nakamura<br>Tadahiko Maeda<br>David B．Fouse

Research Committee on the Study of the Japanese National Character

$$
2000 \text { 年 } 11 \text { 月 }
$$

## 統 計 数 理 研 究 所


[^0]:    Cf. (UK87)
    1 Try to be helpful
    2 Just looking out for themselves
    3 Other (Specify)
    4 D.K.

[^1]:    Cf. (USA88=UK87)
    1 Yes
    2 No
    3 D.K.

[^2]:    Cf. (USA88 $98=$ UK87)
    1 Yes
    2 No
    3 D.K.

[^3]:    This paper was presented at the WAPOR (World Association for Public Opinion Research) 52nd Conference, Paris, Sept. 3-5, 1999.

