

Outline of the Survey for the purpose of an estimation of preference parameters in Japan

- **Outline**

- **Purpose**

Economics has a premise that people act rationally and maximize utility. However, it is not often studied whether this premise is indeed true. The purpose of this survey is to examine whether the premise of present-day economics that people act rationally and maximize utility is true.

- **Survey Period**

This is an annual panel survey that was started in 2003 and implemented for 11 consecutive years until 2013.

It was resumed in 2016 and implemented for 3 consecutive years until 2018.

It was resumed in 2021 and implemented for 4 consecutive years until 2024.

- **Survey Content**

The questionnaire is outlined as follows.

- ① Risk aversion, time preference, habit formation, and consumption externalities
- ② Basic socio-demographic attributes of individuals and households and their budgets and expenditures.

- **Survey Methodology**

- **Survey Design**

- **Survey Periods and Samples**

Year	Sample	Source
2003	Fresh sample	Basic Resident Register
2004	2003 Panel Members + Fresh Sample	Basic Resident Register
2005	2004 Panel Members	—
2006	2005 Panel Members + Fresh Sample	Basic Resident Register
2007	2006 Panel Members	—
2008	2007 Panel Members	—
2009	2008 Panel Members + Fresh Sample	On-site selection based on housing map
2010	2009 Panel Members	—
2011	2010 Panel Members	—
2012	2011 Panel Members	—
2013	2012 Panel Members	—

No survey in 2014, 2015.

2016	73% of 2013 Panel Members	—
2017	75% of 2016 Panel Members	—

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2018	82% of 2017 Panel Members	—
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No survey in 2019, 2020.

2021	2013 Panel Members (excluding unreachable)	—
2022	2021 Panel Members (excluding unreachable) + Fresh Sample	Basic Resident Register
2023	2022 Panel Members (excluding unreachable)	—
2024	2023 Panel Members (excluding unreachable)	—

➤ Target of Fresh Sample

- ✧ 2003: Residents in Japan aged 20-69 years old (as of January 1st, 2003)
- ✧ 2004: Residents in Japan aged 20-69 years old (as of January 1st, 2004)
- ✧ 2006: Residents in Japan aged 20-69 years old (as of January 1st, 2006)
- ✧ 2009: Residents in Japan aged 20-69 years old (as of January 1st, 2009)
- ✧ 2022: Residents in Japan aged 20-39 years old (as of January 1st, 2022)

➤ Sampling Method: Two-stage Stratified Random Sampling

➤ Survey Period / Total Respondents / Valid Responses / Response Rate

Year	Survey Implementation Days (Period from distribution to collection)	Number of respondents contacted (Of which fresh sample)		Number of valid responses (Of which fresh sample)		Response Rate (Of which fresh sample)	
2003	Jan. 28 2003 to Feb. 17 2003	2,000	2,000	1,418	1,418	71.1%	71.1%
2004	Jan. 29 2004 to Feb. 25 2004	6,002	4,600	4,224	3,161	70.4%	68.7%
2005	Feb. 9 2005 to Mar. 10 2005	4,145	0	2,987	0	72.1%	
2006	Feb. 10 2006 to Feb. 28 2006	4,879	2,000	3,763	1,396	77.1%	69.8%
2007	Jan. 18 2007 to Feb. 13 2007	3,660	0	3,112	0	85.0%	
2008	Jan. 18 2008 to Feb. 12 2008	3,048	0	2,731	0	89.6%	
2009	Feb. 27 2009 to Mar. 16 2009	8,683	6,000	6,181	3,704	71.2%	61.7%
2010	Jan. 14 2010 to Feb. 15 2010	6,134	0	5,386	0	87.8%	

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2011	Jan. 13 2011 to Feb. 14 2011	5,316	0	4,934	0	92.8%
2012	Jan. 12 2012 to Feb. 13 -2012	4,887	0	4,588	0	93.9%
2013	Jan. 11 2013 to Feb. 12 2013	4,544	0	4,341	0	95.5%

2016	Jan. 15 2016 to Feb. 15 2016	3,186	0	2,948	0	92.5%
2017	Jan. 13 2017 to Feb. 13 2017	2,207	0	2,114	0	95.8%
2018	Jan. 12 2018 to Feb. 12 2018	1,736	0	1,696	0	97.7%

2021	Jan. 14 2021 to Feb. 10 2021	3,437	0	2,733	0	79.5%
2022	Jan. 12 2022 to Feb. 10 2022	5,841	2,500	3,427	822	58.7% 32.9%
2023	Jan. 11 2023 to Feb. 10 2023	3,444	0	2,921	0	84.8%
2024	Jan. 10 2024 to Feb. 14 2024	3,272	0	2,769	0	84.6%

• **Stratifying Method**

(1) The prefectures of Japan are divided into ten regional blocks:

- ① Hokkaido (Hokkaido)
- ② Tohoku (Aomori, Iwate, Miyagi, Akita, Yamagata, and Fukushima)
- ③ Kanto (Ibaraki, Tochigi, Gunma, Saitama, Chiba, Tokyo, and Kanagawa)
- ④ Koshin'etsu (Niigata, Yamanashi, and Nagano)
- ⑤ Hokuriku (Toyama, Ishikawa, and Fukui)
- ⑥ Tokai (Gifu, Shizuoka, Aichi, and Mie)
- ⑦ Kinki (Shiga, Kyoto, Osaka, Hyogo, Nara, and Wakayama)
- ⑧ Chugoku (Tottori, Shimane, Okayama, Hiroshima, and Yamaguchi)
- ⑨ Shikoku (Tokushima, Kagawa, Ehime, and Kochi)
- ⑩ Kyushu (Fukuoka, Saga, Nagasaki, Kumamoto, Oita, Miyazaki, Kagoshima, Okinawa)

(2) Each of the ten regions is further divided into the following four strata:

- ① Government-designated major cities
- ② Cities with more than 100,000 population

③ Cities with less than 100,000 population

④ Towns and villages

Thus, the nation of Japan is divided into 40 (=10×4) strata, in all.

Sample Distribution

Fresh samples were proportionally distributed based on the population aged 20 to 69 in each region and strata.

Stratification

	Major city (government designated city)	City with more than 100,000 population	City with less than 100,000 population	Town / Village	Total
Hokkaido	1,283,675 30(2)	1,139,802 27(2)	597,296 14(1)	835,693 19(2)	3,856,466 90(7)
Tohoku	684,477 16(1)	1,972,833 46(3)	1,511,184 35(3)	2,197,712 51(3)	6,366,206 148(10)
Kanto	9,781,108 229(14)	11,696,174 274(17)	3,703,393 87(6)	3,161,734 74(5)	28,342,409 664(42)
Koshin'etsu		1,203,469 28(2)	1,047,970 24(2)	1,313,827 31(2)	3,565,266 83(6)
Hokuriku		865,038 20 (2)	550,800 13(1)	629,040 15(1)	2,044,878 48(4)
Tokai	1,468,407 34(2)	4,391,307 103(7)	1,905,822 45(3)	2,166,173 51(3)	9,931,709 233(15)
Kinki	3,724,720 87(6)	6,453,261 151(9)	2,217,825 52(4)	1,747,344 41(3)	14,143,250 331(22)
Chugoku	764,129 18(2)	2,038,254 48(3)	973,499 23(2)	1,240,791 29(2)	5,016,673 118(9)
Shikoku		1,095,919 26(2)	666,313 15(1)	939,291 22(2)	2,701,523 63(5)
Kyusyu	1,580,119 37(3)	2,802,111 65(4)	2,202,625 51(3)	2,934,412 69(5)	9,519,267 222(15)

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Total population	19,286,735	33,658,168	15,376,727	17,166,01	85,487,647
Sample size	451(30)	788(51)	359(26)	7	2,000(135)
(Number of Areas)				402(28)	

Source: Japan Census of Population, Report by Cities, Towns and Villages, Residents in Japan aged 20 to 69 years old (as of March 31st, 2001)

• **Area Sampling Methodology**

- ① Basic units designated from the results of the latest Japan Census were used as the first sampling unit.
- ② The number of samples from each area should be close to 15.
- ③ For each stratum, a sampling interval (the stratum's population divided by the number of areas within the stratum) was calculated and a randomly selected "START number" was set as the starting point. From there, the target at the next sampling interval was selected by the random systematic sampling method.
- ④ The municipal codes set by the Ministry of Internal Affairs and Communications were used to put the strata in order.

• **Target Sampling Methodology**

For each area, about 15 targets were selected from the Basic Resident Register (which is publicly available) using the systematic sampling method. These randomly selected "START numbers" were used as starting points. When the Basic Resident Register was not available, the "electoral register" was used as an alternative. Sampling intervals differed according to the sequencing method of each sampling register.

In cases where the targets (regular targets) could not complete the survey due to fatality, relocation, or prolonged absence, etc., backup targets were selected as alternatives.

Sampling Order Examples

- ① Case where the Basic Resident Register (if publicly available, otherwise the electoral register) was arranged by the order of lot numbers:

If the person corresponding to the START number in the sequence counting from the first person in the designated survey area (address) meets the age requirement, he or she is transcribed as the first target. If he or she is not eligible, the next person according to the sampling interval (11th) is transcribed, and the sampling and transcribing is continued until the target sample size is reached.

- ② Case where the Basic Resident Register is listed by the family names arranged in order according to Japanese syllabary (case of geographically limited areas):

The first person listed on the Basic Resident Register, whose family name begins with the START character (katakana), becomes the first target, provided that he or she is living in the designated area and meets the age requirement, and is transcribed as the first target. Then, from the second target onwards, the fifth eligible person after the previous person is transcribed, and the sampling and transcribing is continued until the target sample size is reached.

- ③ Other important points

Any person who is crossed out or deleted by a red line is not counted.

If a second person from the same family is targeted, that person is skipped and the next eligible target is selected instead.

If the sample size is too small even after reaching the end of the Basic Resident Register for a particular geographic unit (city block), counting is continued from the beginning of the designated area in the register. After

two such runs through the Resident Register for a city block, if the sample size is still too small, a geographically adjacent block is targeted and the sampling is continued.

If the Resident Register is arranged in order according to Japanese syllabary, by date of birth or gender, or in no particular order, instructions are sought from the sampling work manager.

• New Samples

- 2004 Survey: There were 4600 fresh samples. Of these, 3000 were sampled by the “area sampling method” from the basic unit districts (roughly 130 areas) based on the same stratification criteria as in the first survey. The 3000 were selected from the Basic Resident Register by systematic sampling. The remaining 1600 fresh samples were selected by systematic sampling from the Basic Resident Register following on from the samples who were selected from each survey area in the first survey (the previous year’s survey).
- 2006 Survey: 2000 fresh samples were selected by systematic sampling from the Basic Resident Register following on from the samples who were selected from each survey area in the first and second surveys.
- 2009 Survey: Due to conditions concerning viewing of the Basic Resident Register, 6000 fresh samples were selected by the systematic sampling method from general residences adjoining the originally intended survey area according to the housing map. For each area, the local sampling method was used to sample the target numbers according to gender and age group in each area.
- 2022 Survey: 2500 fresh samples (20s-30s) were selected by systematic sampling from the Basic Resident Register from areas continuing from the sample areas in the 2003 survey and parts of the sample areas in the 2004 survey.

The sample sizes and number of areas in each survey were as follows.

	Year	Samples	Fresh samples	Areas	Additional Areas	New Areas
1 st Survey	2003	2,000		135		
2 nd Survey	2004	1,402	4,600	135	135	129
3 rd Survey	2005	4,145		399		
4 th Survey	2006	2,879	2,000	399	264	
5 th Survey	2007	3,660		663		
6 th Survey	2008	3,048		663		
7 th Survey	2009	2,683	6,000	663	663	
8 th Survey	2010	6,134		663		
9 th Survey	2011	5,316		663		
10 th Survey	2012	4,887		663		

11 th Survey	2013	4,500		663		
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- **Sampling from the 2016 survey onwards**

From the 2016 survey onwards, no new samples were selected, but rather, the survey targeted the same persons who had continuously responded up until the 2013 survey. Out of persons who had continuously responded up until the previous surveys, targets were limited to 73% in 2016, 75% in 2017, and 82% in 2018 by the following procedure.

First, multiple survey areas belonging to the same municipality were grouped into 1 or 2 survey area groups within each area-separate and municipality size-separate stratum. Next, approximately 80% of targets were randomly sampled from each stratum in units of each survey area group. However, following this sampling work, to ensure that areas from all 47 prefectures of Japan were included, areas in prefectures with a low sampling rate were used to replace other survey area groups in the same strata.

- **Selection of new samples for the 2022 survey**

Since the sample size of young persons (20s-30s) has decreased due to the fact that no new samples have been selected since 2009, new samples were selected from the 20s-30s age group limitedly. Moreover, to boost the response rate and promote continuous participation in the survey, the questionnaires for new samples contained fewer questions than those for continuous samples.) (for details, see the questionnaire and comparison table).

* Please note that there are unique questions that have only been put to the new samples (for details, see the attached comparison table). Moreover, responses to the unique questions can be restored by connecting with the data on samples who have been continuously targeted.

- **Survey Methodology: Visiting and requesting filling-in at home (up to the 2018 survey)**

Before the survey started, a request letter was mailed to each target. Upon visitation, open-ended questionnaires were distributed and picked up a few days later. When necessary, an envelope for return of the questionnaire was given to a target. Depending on the target, surveyed individuals were visited more than four times. Targets received gift vouchers as compensation.

- **Survey Methodology: Postal survey method (from the 2021 survey)**

Survey forms were mailed to the targets together with a greetings letter and return envelope.

Postcard reminders were also posted once.

To persons who responded, a QUO Card was sent at a later date as a token of gratitude.

- **Survey Implementation**

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- **Sampling Weight**

- Creation Method

The variables “swght_a” and “swght_b” could be used as sampling weights.

Sampling weights in the survey were created by dividing the “standard population” represented by a single respondent/Number of GCOE survey respondents according to birth cohorts (or ages) and area-separate groups. The weights were created upon grouping the population and samples according to birth cohort and area of residence in the case of “swght_a”, and age and area of residence in the case of “swght_b”.

The 10 areas that were used for stratification at the time of sampling were partially combined and categorized into 7 groups. To construct sampling weights that also cater to the decline in the number of respondents in line with continuation of the survey, areas where the decline in the number of samples was extreme were combined with neighboring areas into area groups.

Regional Groups:

- Hokkaido and Tohoku
- Kanto
- Hokuriku and Koshin'etsu
- Tokai
- Kinki
- Chugoku and Shikoku
- Kyushu

Birth cohorts or age groups were divided into the following groups.

Cohort groups:

- Born in the 1930s -1940s
- Born in the 1950s
- Born in the 1960s
- Born in the 1970s
- Born in the 1980s

Age groups:

- 60—89 years old
- 50—59 years old
- 40—49 years old
- 20—39 years old

Since this survey is based on the panel format whereby the same persons respond to questions on an ongoing basis, the average age of the sample population rises each time the survey is implemented. In this case, to construct a consistent sampling weight between each year's surveys, it is necessary to broadly define age groups of young persons and elderly persons when dividing targets into groups based on age (since it is always necessary to have at least 1 person belonging to each age group). Accordingly, in this survey, sampling weights were constructed by dividing the samples according to cohort rather than age. However, in the 2003 and 2004 surveys, since the survey only comprised questions about age groups (20s, 30s, 40s, 50s, 60s), it wasn't possible to accurately understand the years of birth. Therefore, sampling weights were also created based on age groups to ensure that consistency would be maintained from 2003 where necessary. If only using the survey from 2005 onwards, "swght_a" should be used, but if 2003 and 2004 are also included, "swght_b" should be used.

Note) In the 2022 survey, samples who were born in the 1990s and 2000s (20s-30s age group) have been newly selected. Accordingly, the above 2 groups are added as new cohort groups.

①Base Population

The population was calculated according to each classification based on the national census (total population by prefecture, municipality, gender, and age).

2003, 2004, 2005 Surveys: Population in the 2000 national census was used.

2006, 2007, 2008, 2009, 2010 Surveys: Population in the 2005 national census was used.

2011, 2012, 2013 Surveys: Population in the 2010 national census was used.

2016, 2017, 2018 Surveys: Population in the 2015 national census was used.

2021, 2022, 2023, 2024 Survey: Population in the 2020 national census was used.

This survey was primarily implemented in January, whereas the national census reflects conditions on October 1st in the years of implementation. Moreover, the national census reports on the population not according to year of birth but rather according to age group based on age as of October 1st. Therefore, disparities arising from difference in the survey timing were corrected when using national census reports grouped according to month of birth (4 groups) to calculate the birth cohorts and age groups.

②Number of Responses

The number of GCOE survey respondents was calculated by dividing the number of respondents nationwide into the above birth cohorts (or ages) and area groups.

- **Variable to Distinguish Individuals**

The variable “PANELID” identify individuals.

PANELID: 6-digit variable stored as the second left variable in each survey data.

- **Other Important Notes**

There are some data which are missing from the panel waves due to the survey respondents' inability to answer.

- SEQNO=20402, PANELID=4071
- SEQNO=41803, PANELID=7267
- SEQNO = 5540006, PANELID = 8090
- SEQNO = 7040102, PANELID = 8200
- SEQNO = 250303, PANELID = 10714
- SEQNO = 250309, PANELID = 10720
- SEQNO = 4650104, PANELID = 12155
- SEQNO = 8150110, PANELID = 13369

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2024 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2024	Hokkado/	Kanto	Hokuriku/	Tokai	Kinki	Chugoku/	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,205,716	3,317,915	724,483	1,227,207	1,703,616	984,098	1,129,696
born in the 1950s	985,889	2,427,305	529,130	869,847	1,147,839	708,101	945,554
born in the 1960s	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
born in the 1970s	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
born in the 1980s	731,428	2,695,675	414,776	865,246	1,084,089	563,999	758,027
born in the 1990s	584,539	2,376,148	346,268	748,272	980,165	465,580	606,150
born in the 2000s	597,865	1,893,941	364,380	703,721	945,315	493,818	670,961
Respondents							
born in the 1930s and the 1940s	40	91	16	42	49	25	25
born in the 1950s	30	82	31	42	46	24	29
born in the 1960s	24	71	25	39	52	19	20
born in the 1970s	13	52	6	23	24	16	15
born in the 1980s	22	37	10	17	22	11	14
born in the 1990s	10	33	3	10	24	8	6
born in the 2000s	1	3	1	3	3	1	1
swght_a							
born in the 1930s and the 1940s	30143	36461	45280	29219	34768	39364	45188
born in the 1950s	32863	29601	17069	20711	24953	29504	32605
born in the 1960s	36446	41341	20125	24610	24451	33321	40764
born in the 1970s	72758	65772	94241	48496	60694	46595	61434
born in the 1980s	33247	72856	41478	50897	49277	51273	54145
born in the 1990s	58454	72004	115423	74827	40840	58198	101025
born in the 2000s	597865	631314	364380	234574	315105	493818	670961
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,685,866	4,233,267	951,018	1,556,988	2,271,820	1,335,315	1,571,255
born in the 1950s	1,058,113	2,475,091	553,479	908,352	1,258,212	759,176	1,016,735
born in the 1960s	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
born in the 1970s	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
born in the 1980s	716,885	2,557,382	394,847	801,802	1,110,904	554,377	787,667
born in the 1990s	551,236	2,279,478	314,146	683,481	996,596	441,861	619,682
born in the 2000s	563,945	1,805,157	342,039	667,860	908,653	466,072	644,797
Respondents							
born in the 1930s and the 1940s	34	76	20	41	78	32	31
born in the 1950s	43	103	37	48	66	37	35
born in the 1960s	38	108	30	60	67	26	30
born in the 1970s	23	64	17	24	27	22	25
born in the 1980s	20	51	16	19	39	20	16
born in the 1990s	17	37	10	17	21	10	10
born in the 2000s	1	5		2	2	2	1
swght_a							
born in the 1930s and the 1940s	49584	55701	47551	37975	29126	41729	50686
born in the 1950s	24607	24030	14959	18924	19064	20518	29050
born in the 1960s	23924	25831	16811	15629	20080	25615	29475
born in the 1970s	40657	50976	32010	44185	56080	33777	38162
born in the 1980s	35844	50145	24678	42200	28485	27719	49229
born in the 1990s	32426	61608	31415	40205	47457	44186	61968
born in the 2000s	563945	361031		333930	454327	233036	644797
Male / Age Group							
Population							
60-89	2,191,605	5,745,220	1,253,613	2,097,054	2,851,455	1,692,199	2,075,250
50-59	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
40-49	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
20-39	1,315,967	5,071,823	761,044	1,613,518	2,064,254	1,029,579	1,364,177
Respondents							
60-89	83	205	62	100	118	62	66
50-59	18	74	13	39	41	15	15
40-49	15	27	7	11	18	10	12
20-39	24	63	10	26	43	17	17
swght_b							
60-89	26405	28025	20220	20971	24165	27294	31443
50-59	48594	39665	38701	24610	31011	42207	54352
40-49	63057	126672	80778	101400	80925	74552	76792
20-39	54832	80505	76104	62058	48006	60563	80246
Female / Age Group							
Population							
60-89	2,743,979	6,708,358	1,504,497	2,465,340	3,530,032	2,094,491	2,587,990
50-59	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
40-49	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
20-39	1,268,121	4,836,860	708,993	1,485,283	2,107,500	996,238	1,407,349
Respondents							
60-89	88	223	73	115	170	80	80
50-59	41	97	24	50	58	24	30
40-49	16	45	13	13	24	19	15
20-39	31	79	20	33	48	26	23
swght_b							
60-89	31182	30082	20610	21438	20765	26181	32350
50-59	22174	28761	21013	18754	23195	27750	29475
40-49	58444	72499	41860	81572	63090	39110	63604
20-39	40907	61226	35450	45009	43906	38317	61189

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2023 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2023	Hokkaido/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,205,716	3,317,915	724,483	1,227,207	1,703,616	984,098	1,129,696
born in the 1950s	985,889	2,427,305	529,130	869,847	1,147,839	708,101	945,554
born in the 1960s	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
born in the 1970s	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
born in the 1980s	731,428	2,695,675	414,776	865,246	1,084,089	563,999	758,027
born in the 1990s	584,539	2,376,148	346,268	748,272	980,165	465,580	606,150
born in the 2000s	597,865	1,893,941	364,380	703,721	945,315	493,818	670,961
Respondents							
born in the 1930s and the 1940s	43	96	16	44	51	27	28
born in the 1950s	39	85	32	42	49	26	28
born in the 1960s	24	78	24	43	52	21	21
born in the 1970s	13	52	6	22	27	17	15
born in the 1980s	23	40	10	18	23	12	16
born in the 1990s	10	37	5	11	18	8	7
born in the 2000s	2	4	1	2	4	2	1
swght_a							
born in the 1930s and the 1940s	28039.91	34561.61	45280.19	27891.07	33404.23	36448.07	40346.29
born in the 1950s	25279.21	28556.53	16535.31	20710.64	23425.29	27234.65	33769.79
born in the 1960s	36445.5	37630.86	20963.25	22320.3	24451.02	30147.81	38822.67
born in the 1970s	72758	65771.98	94241.16	50699.91	53950.07	43854.06	61433.93
born in the 1980s	31801.22	67391.88	41477.6	48069.22	47134.3	46999.92	47376.69
born in the 1990s	58453.9	64220.21	69253.6	68024.73	54453.61	58197.5	86592.86
born in the 2000s	298932.5	473485.3	364380	351860.5	236328.8	246909	670961
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,685,866	4,233,267	951,018	1,556,988	2,271,820	1,335,315	1,571,255
born in the 1950s	1,058,113	2,475,091	553,479	908,352	1,258,212	759,176	1,016,735
born in the 1960s	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
born in the 1970s	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
born in the 1980s	716,885	2,557,382	394,847	801,802	1,110,904	554,377	787,667
born in the 1990s	551,236	2,279,478	314,146	683,481	996,596	441,861	619,682
born in the 2000s	563,945	1,805,157	342,039	667,860	908,653	466,072	644,797
Respondents							
born in the 1930s and the 1940s	37	84	23	48	80	33	32
born in the 1950s	44	104	37	49	67	33	38
born in the 1960s	42	110	30	60	71	30	33
born in the 1970s	24	64	18	27	30	22	28
born in the 1980s	23	60	16	22	40	21	16
born in the 1990s	19	41	10	20	24	11	10
born in the 2000s	0	7	0	3	2	2	1
swght_a							
born in the 1930s and the 1940s	45563.95	50396.04	41348.61	32437.25	28397.75	40464.09	49101.72
born in the 1950s	24048.02	23798.95	14958.89	18537.8	18779.28	23005.33	26756.18
born in the 1960s	21645.83	25361.62	16810.57	15628.63	18948.31	22199.97	26795.73
born in the 1970s	38962.79	50975.86	30232.05	39275.48	50472.2	33776.68	34073.43
born in the 1980s	31168.91	42623.04	24677.94	36445.55	27772.6	26398.9	49229.19
born in the 1990s	29012.42	55597.02	31414.6	34174.05	41524.83	40169.18	61968.2
born in the 2000s	-	257879.6	-	222620	454326.5	233036	644797
Male / Age Group							
Population							
60-89	2,191,605	5,745,220	1,253,613	2,097,054	2,851,455	1,692,199	2,075,250
50-59	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
40-49	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
20-39	1,315,967	5,071,823	761,044	1,613,518	2,064,254	1,029,579	1,364,177
Respondents							
60-89	90	205	60	99	116	64	66
50-59	21	80	14	42	46	17	16
40-49	15	34	7	13	24	13	13
20-39	28	73	13	28	38	19	21
swght_b							
60-89	24351.17	28025.46	20893.55	21182.36	24581.51	26440.61	31443.18
50-59	41652	36690.09	35937	22851.74	27640.28	37241.41	50954.75
40-49	63056.93	100592.4	80778.14	85799.84	60693.83	57347.62	70885.3
20-39	46998.82	69477.03	58541.85	57625.64	54322.47	54188.37	64960.81
Female / Age Group							
Population							
60-89	2,743,979	6,708,358	1,504,497	2,465,340	3,530,032	2,094,491	2,587,990
50-59	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
40-49	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
20-39	1,268,121	4,836,860	708,993	1,485,283	2,107,500	996,238	1,407,349
Respondents							
60-89	91	221	75	115	168	75	80
50-59	46	104	22	59	66	28	35
40-49	15	49	15	15	22	19	18
20-39	37	96	22	40	58	30	25
swght_b							
60-89	30153.62	30354.56	20059.96	21437.74	21012.1	27926.55	32349.88
50-59	19763.59	26824.79	22923.5	15893.53	20383.79	23785.68	25264.54
40-49	62340.46	66580.71	36278.46	70695.87	68825.73	39109.84	53003.11
20-39	34273.54	50383.96	32226.96	37132.07	36336.21	33207.93	56293.96

[Japan] Overview Preference Parameters Study of Osaka University

2022 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2022	Hokkaido/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,205,716	3,317,915	724,483	1,227,207	1,703,616	984,098	1,129,696
born in the 1950s	985,889	2,427,305	529,130	869,847	1,147,839	708,101	945,554
born in the 1960s	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
born in the 1970s	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
born in the 1980s	731,428	2,695,675	414,776	865,246	1,084,089	563,999	758,027
born in the 1990s	584,539	2,376,148	346,268	748,272	980,165	465,580	606,150
born in the 2000s	597,865	1,893,941	364,380	703,721	945,315	493,818	670,961
Respondents							
born in the 1930s and the 1940s	47	112	21	49	55	34	32
born in the 1950s	39	91	34	44	57	27	30
born in the 1960s	26	77	25	42	57	22	23
born in the 1970s	14	53	7	23	27	19	16
born in the 1980s	30	64	14	28	35	19	21
born in the 1990s	15	62	8	17	34	14	14
born in the 2000s	3	7	2	4	4	4	2
swght_a							
born in the 1930s and the 1940s	25,654	29,624	34,499	25,045	30,975	28,944	35303.0
born in the 1950s	25,279	26,674	15,563	19,769	20,138	26,226	31518.5
born in the 1960s	33,642	38,120	20,125	22,852	22,306	28,777	35446.8
born in the 1970s	67,561	64,531	80,778	48,496	53,950	39,238	57594.3
born in the 1980s	24,381	42,120	29,627	30,902	30,974	29,684	36096.5
born in the 1990s	38,969	38,325	43,284	44,016	28,828	33,256	43296.4
born in the 2000s	199,288	270,563	182,190	175,930	236,329	123,455	335480.5
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,685,866	4,233,267	951,018	1,556,988	2,271,820	1,335,315	1,571,255
born in the 1950s	1,058,113	2,475,091	553,479	908,352	1,258,212	759,176	1,016,735
born in the 1960s	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
born in the 1970s	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
born in the 1980s	716,885	2,557,382	394,847	801,802	1,110,904	554,377	787,667
born in the 1990s	551,236	2,279,478	314,146	683,481	996,596	441,861	619,682
born in the 2000s	563,945	1,805,157	342,039	667,860	908,653	466,072	644,797
Respondents							
born in the 1930s and the 1940s	43	94	26	49	86	35	33
born in the 1950s	49	109	40	50	70	38	42
born in the 1960s	43	119	32	66	72	29	36
born in the 1970s	25	64	18	28	33	24	30
born in the 1980s	35	90	26	35	52	29	28
born in the 1990s	29	71	14	24	35	23	21
born in the 2000s	2	13	1	4	3	3	2
swght_a							
born in the 1930s and the 1940s	39,206	45,035	36,578	31,775	26,417	38,152	47613.8
born in the 1950s	21,594	22,707	13,837	18,167	17,974	19,978	24208.0
born in the 1960s	21,142	23,444	15,760	14,208	18,685	22,965	24562.8
born in the 1970s	37,404	50,976	30,232	37,873	45,884	30,962	31801.9
born in the 1980s	20,482	28,415	15,186	22,909	21,364	19,116	28131.0
born in the 1990s	19,008	32,105	22,439	28,478	28,474	19,211	29508.7
born in the 2000s	281,973	138,858	342,039	166,965	302,884	155,357	322398.5
Male / Age Group							
Population							
60-89	2,191,605	5,745,220	1,253,613	2,097,054	2,851,455	1,692,199	2,075,250
50-59	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
40-49	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
20-39	1,315,967	5,071,823	761,044	1,613,518	2,064,254	1,029,579	1,364,177
Respondents							
60-89	90	218	63	100	127	65	71
50-59	25	83	19	40	50	25	18
40-49	15	35	6	20	22	14	14
20-39	44	130	23	47	70	35	35
swght_b							
60-89	24,351	26,354	19,899	20,971	22,452	26,034	29228.9
50-59	34,988	35,364	26,480	23,994	25,429	25,324	45293.1
40-49	63,057	97,718	94,241	55,770	66,211	53,251	65822.1
20-39	29,908	39,014	33,089	34,330	29,489	29,417	38976.5
Female / Age Group							
Population							
60-89	2,743,979	6,708,358	1,504,497	2,465,340	3,530,032	2,094,491	2,587,990
50-59	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
40-49	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
20-39	1,268,121	4,836,860	708,993	1,485,283	2,107,500	996,238	1,407,349
Respondents							
60-89	100	230	78	113	167	78	84
50-59	46	110	25	58	68	29	37
40-49	16	50	14	24	31	22	21
20-39	64	170	40	61	85	52	50
swght_b							
60-89	27,440	29,167	19,288	21,817	21,138	26,852	30809.4
50-59	19,764	25,362	20,173	16,168	19,784	22,965	23898.9
40-49	58,444	65,249	38,870	44,185	48,844	33,777	45431.2
20-39	19,814	28,452	17,725	24,349	24,794	19,158	28147.0

[Japan] Overview Preference Parameters Study of Osaka University

2021 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2021	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,205,716	3,317,915	724,483	1,227,207	1,703,616	984,098	1,129,696
born in the 1950s	985,889	2,427,305	529,130	869,847	1,147,839	708,101	945,554
born in the 1960s	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
born in the 1970s	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
born in the 1980s	731,428	2,695,675	414,776	865,246	1,084,089	563,999	758,027
Respondents							
born in the 1930s and the 1940s	47	121	20	52	60	39	38
born in the 1950s	43	94	36	46	57	29	30
born in the 1960s	25	81	26	43	55	24	22
born in the 1970s	16	54	7	25	36	18	16
born in the 1980s	10	13	7	9	9	5	5
swght_a							
born in the 1930s and the 1940s	25653.5	27420.8	36224.1	23600.1	28393.6	25233.3	29728.8
born in the 1950s	22927.7	25822.4	14698.1	18909.7	20137.5	24417.3	31518.5
born in the 1960s	34987.7	36237.1	19350.7	22320.3	23117.3	26379.3	37058.0
born in the 1970s	59115.9	63336.0	80778.1	44615.9	40462.6	41417.7	57594.3
born in the 1980s	73142.8	207359.6	59253.7	96138.4	120454.3	112799.8	151605.4
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,685,866	4,233,267	951,018	1,556,988	2,271,820	1,335,315	1,571,255
born in the 1950s	1,058,113	2,475,091	553,479	908,352	1,258,212	759,176	1,016,735
born in the 1960s	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
born in the 1970s	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
born in the 1980s	716,885	2,557,382	394,847	801,802	1,110,904	554,377	787,667
Respondents							
born in the 1930s and the 1940s	43	105	32	57	96	34	34
born in the 1950s	50	115	41	50	69	41	42
born in the 1960s	40	123	35	69	70	29	39
born in the 1970s	24	74	19	26	36	25	31
born in the 1980s	4	20	6	8	14	8	6
swght_a							
born in the 1930s and the 1940s	39206.2	40316.8	29719.3	27315.6	23664.8	39274.0	46213.4
born in the 1950s	21162.3	21522.5	13499.5	18167.0	18235.0	18516.5	24208.0
born in the 1960s	22728.1	22681.1	14409.1	13590.1	19219.0	22965.5	22673.3
born in the 1970s	38962.8	44087.2	28640.9	40786.1	42060.2	29723.5	30776.0
born in the 1980s	179221.3	127869.1	65807.8	100225.3	79350.3	69297.1	131277.8
Male / Age Group							
Population							
60-89	2,191,605	5,745,220	1,253,613	2,097,054	2,851,455	1,692,199	2,075,250
50-59	874,692	2,935,207	503,118	959,773	1,271,453	633,104	815,276
40-49	945,854	3,420,143	565,447	1,115,398	1,456,652	745,519	921,509
20-39	1,315,967	5,071,823	761,044	1,613,518	2,064,254	1,029,579	1,364,177
Respondents							
60-89	91	225	60	101	126	70	72
50-59	27	84	23	44	50	28	20
40-49	14	43	8	22	34	16	15
20-39	9	11	5	8	7	1	4
swght_b							
60-89	24083.6	25534.3	20893.6	20762.9	22630.6	24174.3	28822.9
50-59	32396.0	34942.9	21874.7	21813.0	25429.1	22610.9	40763.8
40-49	67561.0	79538.2	70680.9	50699.9	42842.7	46594.9	61433.9
20-39	146218.6	461074.8	152208.8	201689.8	294893.4	1029579.0	341044.3
Female / Age Group							
Population							
60-89	2,743,979	6,708,358	1,504,497	2,465,340	3,530,032	2,094,491	2,587,990
50-59	909,125	2,789,778	504,317	937,718	1,345,330	665,999	884,259
40-49	935,107	3,262,455	544,177	1,060,438	1,514,166	743,087	954,056
20-39	1,268,121	4,836,860	708,993	1,485,283	2,107,500	996,238	1,407,349
Respondents							
60-89	98	230	82	114	172	77	82
50-59	39	125	28	67	67	32	35
40-49	21	64	18	22	35	20	29
20-39	3	18	5	7	11	8	6
swght_b							
60-89	27999.8	29166.8	18347.5	21625.8	20523.4	27201.2	31560.9
50-59	23310.9	22318.2	18011.3	13995.8	20079.6	20812.5	25264.5
40-49	44528.9	50975.9	30232.1	48201.7	43261.9	37154.4	32898.5
20-39	422707.0	268714.4	141798.6	212183.3	191590.9	124529.8	234558.2

[Japan] Overview Preference Parameters Study of Osaka University

2018 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2018	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,482,394	4,032,880	873,530	1,483,614	2,081,281	1,193,181	1,372,170
born in the 1950s	1,037,067	2,576,938	552,505	914,903	1,216,293	742,636	987,423
born in the 1960s	893,096	3,004,977	512,618	984,462	1,304,296	648,469	833,335
born in the 1970s	948,969	3,442,401	567,850	1,131,453	1,475,764	751,829	928,391
born in the 1980s	726,552	2,652,432	413,190	874,072	1,092,054	564,185	746,531
Respondents							
born in the 1930s and the 1940s	38	65	20	34	36	20	23
born in the 1950s	37	42	28	32	33	14	22
born in the 1960s	22	56	18	28	30	17	13
born in the 1970s	11	30	5	20	19	17	14
born in the 1980s	5	9	5	5	7	4	2
swght_a							
born in the 1930s and the 1940s	39010.4	62044.3	43676.5	43635.7	57813.4	59659.1	59659.6
born in the 1950s	28028.8	61355.7	19732.3	28590.7	36857.4	53045.4	44882.9
born in the 1960s	40595.3	53660.3	28478.8	35159.4	43476.5	38145.2	64102.7
born in the 1970s	86269.9	114746.7	113570.0	56572.6	77671.8	44225.2	66313.6
born in the 1980s	145310.4	294714.7	82638.0	174814.4	156007.7	141046.3	373265.5
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,890,759	4,707,918	1,056,375	1,733,801	2,535,161	1,489,242	1,756,572
born in the 1950s	1,085,410	2,563,801	563,672	932,721	1,301,396	777,689	1,042,633
born in the 1960s	919,898	2,826,187	510,235	952,220	1,364,891	675,266	897,689
born in the 1970s	938,594	3,262,870	547,131	1,070,939	1,526,158	751,092	964,131
born in the 1980s	714,455	2,509,465	393,300	805,220	1,124,656	557,341	784,974
Respondents							
born in the 1930s and the 1940s	33	67	18	39	48	20	23
born in the 1950s	31	61	32	24	33	26	27
born in the 1960s	23	66	24	42	41	24	25
born in the 1970s	14	38	13	19	27	17	20
born in the 1980s	1	11	6	6	8	4	4
swght_a							
born in the 1930s and the 1940s	57295.7	70267.4	58687.5	44456.4	52815.9	74462.1	76372.7
born in the 1950s	35013.2	42029.5	17614.8	38863.4	39436.2	29911.1	38616.0
born in the 1960s	39995.6	42821.0	21259.8	22671.9	33290.0	28136.1	35907.6
born in the 1970s	67042.4	85865.0	42087.0	56365.2	56524.4	44181.9	48206.6
born in the 1980s	714455.0	228133.2	65550.0	134203.3	140582.0	139335.3	196243.5
Male / Age Group							
Population							
60-89	2,167,066	5,645,174	1,249,003	2,072,321	2,875,317	1,699,288	2,019,702
50-59	929,098	2,599,591	506,109	893,068	1,168,987	658,304	874,220
40-49	935,326	3,468,714	564,530	1,131,085	1,501,103	729,597	894,088
20-39	1,489,637	5,395,206	855,962	1,762,332	2,265,881	1,155,517	1,510,801
Respondents							
60-89	66	100	42	59	61	33	39
50-59	25	52	23	29	33	15	19
40-49	15	35	6	23	21	18	13
20-39	7	15	5	8	10	6	3
swght_b							
60-89	32834.3	56451.7	29738.2	35124.1	47136.3	51493.6	51787.2
50-59	37163.9	49992.1	22004.7	30795.4	35423.8	43886.9	46011.6
40-49	62355.1	99106.1	94088.3	49177.6	71481.1	40533.2	68776.0
20-39	212805.3	359680.4	171192.4	220291.5	226588.1	192586.2	503600.3
Female / Age Group							
Population							
60-89	2,748,612	6,593,292	1,523,528	2,441,428	3,526,109	2,132,897	2,572,715
50-59	961,522	2,487,157	509,786	883,539	1,232,873	688,672	933,210
40-49	945,067	3,275,364	551,270	1,076,457	1,556,204	743,162	946,699
20-39	1,455,786	5,093,666	813,237	1,640,303	2,327,088	1,138,988	1,574,136
Respondents							
60-89	57	116	45	60	73	42	45
50-59	27	61	29	39	44	21	24
40-49	16	53	12	23	28	21	26
20-39	2	13	7	8	12	7	4
swght_b							
60-89	48221.3	56838.7	33856.2	40690.5	48302.9	50783.3	57171.4
50-59	35611.9	40773.1	17578.8	22654.8	28019.8	32793.9	38883.8
40-49	59066.7	61799.3	45939.2	46802.5	55578.7	35388.7	36411.5
20-39	727893.0	391820.5	116176.7	205037.9	193924.0	162712.6	393534.0

[Japan] Overview Preference Parameters Study of Osaka University

2017 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2017	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,482,394	4,032,880	873,530	1,483,614	2,081,281	1,193,181	1,372,170
born in the 1950s	1,037,067	2,576,938	552,505	914,903	1,216,293	742,636	987,423
born in the 1960s	893,096	3,004,977	512,618	984,462	1,304,296	648,469	833,335
born in the 1970s	948,969	3,442,401	567,850	1,131,453	1,475,764	751,829	928,391
born in the 1980s	726,552	2,652,432	413,190	874,072	1,092,054	564,185	746,531
Respondents							
born in the 1930s and the 1940s	44	85	22	42	50	24	35
born in the 1950s	42	50	28	39	38	16	28
born in the 1960s	25	74	19	35	41	18	19
born in the 1970s	13	39	5	23	26	20	20
born in the 1980s	8	10	5	9	8	5	5
swght_a							
born in the 1930s and the 1940s	33690.8	47445.6	39705.9	35324.1	41625.6	49715.9	39204.9
born in the 1950s	24692.1	51538.8	19732.3	23459.1	32007.7	46414.8	35265.1
born in the 1960s	35723.8	40607.8	26979.9	28127.5	31812.1	36026.1	43859.7
born in the 1970s	72997.6	88266.7	113570.0	49193.6	56760.2	37591.4	46419.6
born in the 1980s	90819.0	265243.2	82638.0	97119.1	136506.8	112837.0	149306.2
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,890,759	4,707,918	1,056,375	1,733,801	2,535,161	1,489,242	1,756,572
born in the 1950s	1,085,410	2,563,801	563,672	932,721	1,301,396	777,689	1,042,633
born in the 1960s	919,898	2,826,187	510,235	952,220	1,364,891	675,266	897,689
born in the 1970s	938,594	3,262,870	547,131	1,070,939	1,526,158	751,092	964,131
born in the 1980s	714,455	2,509,465	393,300	805,220	1,124,656	557,341	784,974
Respondents							
born in the 1930s and the 1940s	37	88	19	52	66	28	29
born in the 1950s	36	79	35	30	44	28	33
born in the 1960s	28	90	25	54	50	26	34
born in the 1970s	14	51	14	23	33	20	23
born in the 1980s	1	15	5	9	14	4	7
swght_a							
born in the 1930s and the 1940s	51101.6	53499.1	55598.7	33342.3	38411.5	53187.2	60571.4
born in the 1950s	30150.3	32453.2	16104.9	31090.7	29577.2	27774.6	31594.9
born in the 1960s	32853.5	31402.1	20409.4	17633.7	27297.8	25971.8	26402.6
born in the 1970s	67042.4	63977.8	39080.8	46562.6	46247.2	37554.6	41918.7
born in the 1980s	714455.0	167297.7	78660.0	89468.9	80332.6	139335.3	112139.1
Male / Age Group							
Population							
60-89	2,167,066	5,645,174	1,249,003	2,072,321	2,875,317	1,699,288	2,019,702
50-59	929,098	2,599,591	506,109	893,068	1,168,987	658,304	874,220
40-49	935,326	3,468,714	564,530	1,131,085	1,501,103	729,597	894,088
20-39	1,489,637	5,395,206	855,962	1,762,332	2,265,881	1,155,517	1,510,801
Respondents							
60-89	72	122	41	72	76	38	54
50-59	30	67	26	32	45	17	26
40-49	20	52	6	31	30	21	18
20-39	10	17	6	13	12	7	9
swght_b							
60-89	30098.1	46271.9	30463.5	28782.2	37833.1	44718.1	37401.9
50-59	30969.9	38799.9	19465.7	27908.4	25977.5	38723.8	33623.8
40-49	46766.3	66706.0	94088.3	36486.6	50036.8	34742.7	49671.6
20-39	148963.7	317365.1	142660.3	135564.0	188823.4	165073.9	167866.8
Female / Age Group							
Population							
60-89	2,748,612	6,593,292	1,523,528	2,441,428	3,526,109	2,132,897	2,572,715
50-59	961,522	2,487,157	509,786	883,539	1,232,873	688,672	933,210
40-49	945,067	3,275,364	551,270	1,076,457	1,556,204	743,162	946,699
20-39	1,455,786	5,093,666	813,237	1,640,303	2,327,088	1,138,988	1,574,136
Respondents							
60-89	64	140	44	78	100	47	52
50-59	32	84	31	50	46	24	33
40-49	18	76	17	27	38	25	31
20-39	2	23	6	13	23	10	10
swght_b							
60-89	42947.1	47094.9	34625.6	31300.4	35261.1	45380.8	49475.3
50-59	30047.6	29609.0	16444.7	17670.8	26801.6	28694.7	28279.1
40-49	52503.7	43096.9	32427.6	39868.8	40952.7	29726.5	30538.7
20-39	727893.0	221463.7	135539.5	126177.2	101177.7	113898.8	157413.6

[Japan] Overview Preference Parameters Study of Osaka University

2016 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2016	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,482,394	4,032,880	873,530	1,483,614	2,081,281	1,193,181	1,372,170
born in the 1950s	1,037,067	2,576,938	552,505	914,903	1,216,293	742,636	987,423
born in the 1960s	893,096	3,004,977	512,618	984,462	1,304,296	648,469	833,335
born in the 1970s	948,969	3,442,401	567,850	1,131,453	1,475,764	751,829	928,391
born in the 1980s	726,552	2,652,432	413,190	874,072	1,092,054	564,185	746,531
Respondents							
born in the 1930s and the 1940s	56	122	29	58	77	34	45
born in the 1950s	48	91	37	51	50	29	38
born in the 1960s	35	104	27	47	58	25	27
born in the 1970s	16	57	8	28	37	26	24
born in the 1980s	10	19	7	11	8	6	9
swght_a							
born in the 1930s and the 1940s	26471.3	33056.4	30121.7	25579.6	27029.6	35093.6	30492.7
born in the 1950s	21605.6	28318.0	14932.6	17939.3	24325.9	25608.1	25984.8
born in the 1960s	25517.0	28894.0	18985.9	20946.0	22487.9	25938.8	30864.3
born in the 1970s	59310.6	60393.0	70981.3	40409.0	39885.5	28916.5	38683.0
born in the 1980s	72655.2	139601.7	59027.1	79461.1	136506.8	94030.8	82947.9
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	1,890,759	4,707,918	1,056,375	1,733,801	2,535,161	1,489,242	1,756,572
born in the 1950s	1,085,410	2,563,801	563,672	932,721	1,301,396	777,689	1,042,633
born in the 1960s	919,898	2,826,187	510,235	952,220	1,364,891	675,266	897,689
born in the 1970s	938,594	3,262,870	547,131	1,070,939	1,526,158	751,092	964,131
born in the 1980s	714,455	2,509,465	393,300	805,220	1,124,656	557,341	784,974
Respondents							
born in the 1930s and the 1940s	50	127	34	60	92	38	43
born in the 1950s	47	115	42	48	67	39	43
born in the 1960s	42	137	35	64	66	34	42
born in the 1970s	22	77	20	33	42	26	30
born in the 1980s	4	26	6	9	19	6	9
swght_a							
born in the 1930s and the 1940s	37815.2	37070.2	31069.9	28896.7	27556.1	39190.6	40850.5
born in the 1950s	23093.8	22293.9	13420.8	19431.7	19423.8	19940.7	24247.3
born in the 1960s	21902.3	20629.1	14578.1	14878.4	20680.2	19860.8	21373.5
born in the 1970s	42663.4	42374.9	27356.6	32452.7	36337.1	28888.2	32137.7
born in the 1980s	178613.8	96517.9	65550.0	89468.9	59192.4	92890.2	87219.3
Male / Age Group							
Population							
60-89	2,167,066	5,645,174	1,249,003	2,072,321	2,875,317	1,699,288	2,019,702
50-59	929,098	2,599,591	506,109	893,068	1,168,987	658,304	874,220
40-49	935,326	3,468,714	564,530	1,131,085	1,501,103	729,597	894,088
20-39	1,489,637	5,395,206	855,962	1,762,332	2,265,881	1,155,517	1,510,801
Respondents							
60-89	82	180	52	89	110	54	70
50-59	44	97	35	49	56	30	37
40-49	24	83	12	39	45	23	21
20-39	15	33	9	18	19	13	15
swght_b							
60-89	26427.6	31362.1	24019.3	23284.5	26139.2	31468.3	28852.9
50-59	21115.9	26799.9	14460.3	18225.9	20874.8	21943.5	23627.6
40-49	38971.9	41791.7	47044.2	29002.2	33357.8	31721.6	42575.6
20-39	99309.1	163491.1	95106.9	97907.3	119256.9	88885.9	100720.1
Female / Age Group							
Population							
60-89	2,748,612	6,593,292	1,523,528	2,441,428	3,526,109	2,132,897	2,572,715
50-59	961,522	2,487,157	509,786	883,539	1,232,873	688,672	933,210
40-49	945,067	3,275,364	551,270	1,076,457	1,556,204	743,162	946,699
20-39	1,455,786	5,093,666	813,237	1,640,303	2,327,088	1,138,988	1,574,136
Respondents							
60-89	81	197	62	90	138	62	66
50-59	43	128	39	67	60	31	46
40-49	35	109	27	40	57	36	38
20-39	6	48	9	17	31	14	17
swght_b							
60-89	33933.5	33468.5	24573.0	27127.0	25551.5	34401.6	38980.5
50-59	22361.0	19430.9	13071.4	13187.1	20547.9	22215.2	20287.2
40-49	27001.9	30049.2	20417.4	26911.4	27301.8	20643.4	24913.1
20-39	242631.0	106118.0	90359.7	96488.4	75067.4	81356.3	92596.2

[Japan] Overview Preference Parameters Study of Osaka University

2013 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2013	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,689,351	4,586,544	982,599	1,678,440	2,375,746	1,351,534	1,547,009
born in the 1950s	1,059,049	2,677,522	565,780	945,352	1,251,789	761,634	1,005,027
born in the 1960s	901,089	3,048,075	520,630	1,002,069	1,323,048	656,563	839,173
born in the 1970s	956,390	3,471,688	572,340	1,140,443	1,488,109	753,941	922,509
born in the 1980s	741,289	2,639,381	411,249	858,995	1,131,026	557,113	746,110
Respondents							
born in the 1930s and the 1940s	76	183	42	84	115	52	65
born in the 1950s	62	140	48	69	78	45	60
born in the 1960s	50	138	38	67	81	43	42
born in the 1970s	26	97	12	36	59	34	30
born in the 1980s	18	34	11	16	18	9	13
swght_a							
born in the 1930s and the 1940s	22228.3	25063.1	23395.2	19981.4	20658.7	25991.0	23800.1
born in the 1950s	17081.4	19125.2	11787.1	13700.8	16048.6	16925.2	16750.4
born in the 1960s	18021.8	22087.5	13700.8	14956.3	16333.9	15268.9	19980.3
born in the 1970s	36784.2	35790.6	47695.0	31679.0	25222.2	22174.7	30750.3
born in the 1980s	41182.7	77628.9	37386.3	53687.2	62834.8	61901.4	57393.1
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,025,980	5,014,503	1,121,950	1,846,193	2,709,047	1,590,627	1,869,151
born in the 1950s	1,103,638	2,615,153	570,323	949,168	1,322,422	786,393	1,051,424
born in the 1960s	936,637	2,845,799	516,883	963,224	1,374,332	683,281	905,409
born in the 1970s	953,824	3,259,017	549,508	1,077,387	1,533,406	754,023	963,143
born in the 1980s	734,517	2,460,053	393,188	802,316	1,154,661	558,420	788,227
Respondents							
born in the 1930s and the 1940s	69	178	51	83	133	69	72
born in the 1950s	73	153	53	72	105	57	58
born in the 1960s	60	189	42	82	92	57	60
born in the 1970s	37	124	29	45	65	40	48
born in the 1980s	10	54	8	14	32	13	23
swght_a							
born in the 1930s and the 1940s	29362.0	28171.4	21999.0	22243.3	20368.8	23052.6	25960.4
born in the 1950s	15118.3	17092.5	10760.8	13182.9	12594.5	13796.4	18128.0
born in the 1960s	15610.6	15057.1	12306.7	11746.6	14938.4	11987.4	15090.2
born in the 1970s	25779.0	26282.4	18948.6	23941.9	23590.9	18850.6	20065.5
born in the 1980s	73451.7	45556.5	49148.5	57308.3	36083.2	42955.4	34270.7
Male / Age Group							
Population							
60-89	1,991,303	5,184,762	1,170,342	1,923,282	2,698,762	1,600,776	1,824,655
50-59	1,059,049	2,677,522	565,780	945,352	1,251,789	761,634	1,005,027
40-49	901,089	3,048,075	520,630	1,002,069	1,323,048	656,563	839,173
20-39	1,697,679	6,111,069	983,589	1,999,438	2,619,135	1,311,054	1,668,619
Respondents							
60-89	90	233	60	109	142	74	84
50-59	67	127	48	65	73	38	60
40-49	42	149	23	66	83	40	37
20-39	33	83	20	32	53	31	29
swght_b							
60-89	22125.6	22252.2	19505.7	17644.8	19005.4	21632.1	21722.1
50-59	15806.7	21082.8	11787.1	14543.9	17147.8	20043.0	16750.4
40-49	21454.5	20456.9	22636.1	15182.9	15940.3	16414.1	22680.4
20-39	51444.8	73627.3	49179.4	62482.4	49417.6	42292.1	57538.6
Female / Age Group							
Population							
60-89	2,599,901	6,087,451	1,470,548	2,283,003	3,314,493	2,068,377	2,420,951
50-59	1,103,638	2,615,153	570,323	949,168	1,322,422	786,393	1,051,424
40-49	936,637	2,845,799	516,883	963,224	1,374,332	683,281	905,409
20-39	1,688,341	5,719,070	942,696	1,879,703	2,688,067	1,312,443	1,751,370
Respondents							
60-89	94	231	67	104	165	86	93
50-59	62	162	54	75	99	55	49
40-49	62	180	35	83	94	55	67
20-39	31	125	27	34	69	40	52
swght_b							
60-89	27658.5	26352.6	21948.5	21952.0	20087.8	24050.9	26031.7
50-59	17800.6	16142.0	10561.5	12655.6	13357.8	14298.1	21457.6
40-49	15107.0	15810.0	14768.1	11605.1	14620.6	12423.3	13513.6
20-39	54462.6	45752.6	34914.7	55285.4	38957.5	32811.1	33680.2

[Japan] Overview Preference Parameters Study of Osaka University

2012 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2012	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,689,351	4,586,544	982,599	1,678,440	2,375,746	1,351,534	1,547,009
born in the 1950s	1,059,049	2,677,522	565,780	945,352	1,251,789	761,634	1,005,027
born in the 1960s	901,089	3,048,075	520,630	1,002,069	1,323,048	656,563	839,173
born in the 1970s	956,390	3,471,688	572,340	1,140,443	1,488,109	753,941	922,509
born in the 1980s	741,289	2,639,381	411,249	858,995	1,131,026	557,113	746,110
Respondents							
born in the 1930s and the 1940s	80	193	46	88	120	56	69
born in the 1950s	68	142	48	72	85	49	67
born in the 1960s	54	145	39	68	86	43	48
born in the 1970s	30	104	15	38	63	36	32
born in the 1980s	18	40	11	16	20	9	14
swght_a							
born in the 1930s and the 1940s	21116.9	23764.5	21360.8	19073.2	19797.9	24134.5	22420.4
born in the 1950s	15574.3	18855.8	11787.1	13129.9	14726.9	15543.6	15000.4
born in the 1960s	16686.8	21021.2	13349.5	14736.3	15384.3	15268.9	17482.8
born in the 1970s	31879.7	33381.6	38156.0	30011.7	23620.8	20942.8	28828.4
born in the 1980s	41182.7	65984.5	37386.3	53687.2	56551.3	61901.4	53293.6
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,025,980	5,014,503	1,121,950	1,846,193	2,709,047	1,590,627	1,869,151
born in the 1950s	1,103,638	2,615,153	570,323	949,168	1,322,422	786,393	1,051,424
born in the 1960s	936,637	2,845,799	516,883	963,224	1,374,332	683,281	905,409
born in the 1970s	953,824	3,259,017	549,508	1,077,387	1,533,406	754,023	963,143
born in the 1980s	734,517	2,460,053	393,188	802,316	1,154,661	558,420	788,227
Respondents							
born in the 1930s and the 1940s	74	183	55	87	138	72	79
born in the 1950s	79	162	57	76	107	60	61
born in the 1960s	63	199	43	83	95	57	63
born in the 1970s	40	128	29	49	71	45	50
born in the 1980s	12	59	10	14	33	16	27
swght_a							
born in the 1930s and the 1940s	27378.1	27401.7	20399.1	21220.6	19630.8	22092.0	23660.1
born in the 1950s	13970.1	16142.9	10005.7	12489.1	12359.1	13106.5	17236.5
born in the 1960s	14867.3	14300.5	12020.5	11605.1	14466.7	11987.4	14371.6
born in the 1970s	23845.6	25461.1	18948.6	21987.5	21597.3	16756.1	19262.9
born in the 1980s	61209.8	41695.8	39318.8	57308.3	34989.7	34901.3	29193.6
Male / Age Group							
Population							
60-89	1,991,303	5,184,762	1,170,342	1,923,282	2,698,762	1,600,776	1,824,655
50-59	1,059,049	2,677,522	565,780	945,352	1,251,789	761,634	1,005,027
40-49	901,089	3,048,075	520,630	1,002,069	1,323,048	656,563	839,173
20-39	1,697,679	6,111,069	983,589	1,999,438	2,619,135	1,311,054	1,668,619
Respondents							
60-89	91	227	58	105	140	69	80
50-59	70	132	50	69	83	44	72
40-49	49	159	30	64	85	45	39
20-39	40	106	21	44	66	35	39
swght_b							
60-89	21882.5	22840.4	20178.3	18317.0	19276.9	23199.7	22808.2
50-59	15129.3	20284.3	11315.6	13700.8	15081.8	17309.9	13958.7
40-49	18389.6	19170.3	17354.3	15657.3	15565.3	14590.3	21517.3
20-39	42442.0	57651.6	46837.6	45441.8	39683.9	37458.7	42785.1
Female / Age Group							
Population							
60-89	2,599,901	6,087,451	1,470,548	2,283,003	3,314,493	2,068,377	2,420,951
50-59	1,103,638	2,615,153	570,323	949,168	1,322,422	786,393	1,051,424
40-49	936,637	2,845,799	516,883	963,224	1,374,332	683,281	905,409
20-39	1,688,341	5,719,070	942,696	1,879,703	2,688,067	1,312,443	1,751,370
Respondents							
60-89	96	221	68	103	161	87	92
50-59	69	163	58	78	97	53	58
40-49	66	196	37	76	98	60	70
20-39	37	151	31	52	88	50	60
swght_b							
60-89	27082.3	27545.0	21625.7	22165.1	20586.9	23774.4	26314.7
50-59	15994.8	16043.9	9833.2	12168.8	13633.2	14837.6	18128.0
40-49	14191.5	14519.4	13969.8	12674.0	14023.8	11388.0	12934.4
20-39	45630.8	37874.6	30409.5	36148.1	30546.2	26248.9	29189.5

[Japan] Overview Preference Parameters Study of Osaka University

2011 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2011	Hokkaido/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,689,351	4,586,544	982,599	1,678,440	2,375,746	1,351,534	1,547,009
born in the 1950s	1,059,049	2,677,522	565,780	945,352	1,251,789	761,634	1,005,027
born in the 1960s	901,089	3,048,075	520,630	1,002,069	1,323,048	656,563	839,173
born in the 1970s	956,390	3,471,688	572,340	1,140,443	1,488,109	753,941	922,509
born in the 1980s	741,289	2,639,381	411,249	858,995	1,131,026	557,113	746,110
Respondents							
born in the 1930s and the 1940s	87	208	47	90	128	69	72
born in the 1950s	71	161	53	76	92	54	70
born in the 1960s	56	156	41	71	92	42	59
born in the 1970s	37	115	17	46	66	41	36
born in the 1980s	20	44	12	18	22	13	18
swght_a							
born in the 1930s and the 1940s	19417.8	22050.7	20906.4	18649.3	18560.5	19587.4	21486.2
born in the 1950s	14916.2	16630.6	10675.1	12438.8	13606.4	14104.3	14357.5
born in the 1960s	16090.9	19538.9	12698.3	14113.6	14381.0	15632.5	14223.3
born in the 1970s	25848.4	30188.6	33667.1	24792.2	22547.1	18388.8	25625.3
born in the 1980s	37064.4	59985.9	34270.8	47721.9	51410.3	42854.8	41450.6
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,025,980	5,014,503	1,121,950	1,846,193	2,709,047	1,590,627	1,869,151
born in the 1950s	1,103,638	2,615,153	570,323	949,168	1,322,422	786,393	1,051,424
born in the 1960s	936,637	2,845,799	516,883	963,224	1,374,332	683,281	905,409
born in the 1970s	953,824	3,259,017	549,508	1,077,387	1,533,406	754,023	963,143
born in the 1980s	734,517	2,460,053	393,188	802,316	1,154,661	558,420	788,227
Respondents							
born in the 1930s and the 1940s	81	191	59	90	148	79	87
born in the 1950s	84	172	57	81	114	67	64
born in the 1960s	67	204	44	91	100	63	64
born in the 1970s	41	137	30	52	76	46	56
born in the 1980s	14	67	11	15	34	17	31
swght_a							
born in the 1930s and the 1940s	25012.1	26253.9	19016.1	20513.3	18304.4	20134.5	21484.5
born in the 1950s	13138.5	15204.4	10005.7	11718.1	11600.2	11737.2	16428.5
born in the 1960s	13979.7	13950.0	11747.3	10584.9	13743.3	10845.7	14147.0
born in the 1970s	23264.0	23788.4	18316.9	20719.0	20176.4	16391.8	17199.0
born in the 1980s	52465.5	36717.2	35744.4	53487.7	33960.6	32848.2	25426.7
Male / Age Group							
Population							
60-89	1,991,303	5,184,762	1,170,342	1,923,282	2,698,762	1,600,776	1,824,655
50-59	1,059,049	2,677,522	565,780	945,352	1,251,789	761,634	1,005,027
40-49	901,089	3,048,075	520,630	1,002,069	1,323,048	656,563	839,173
20-39	1,697,679	6,111,069	983,589	1,999,438	2,619,135	1,311,054	1,668,619
Respondents							
60-89	91	230	57	102	139	79	78
50-59	73	155	51	70	90	49	72
40-49	57	162	36	71	91	46	56
20-39	50	137	26	58	80	45	49
swght_b							
60-89	21882.5	22542.4	20532.3	18855.7	19415.6	20263.0	23393.0
50-59	14507.5	17274.3	11093.7	13505.0	13908.8	15543.6	13958.7
40-49	15808.6	18815.3	14461.9	14113.6	14539.0	14273.1	14985.2
20-39	33953.6	44606.3	37830.3	34473.1	32739.2	29134.5	34053.4
Female / Age Group							
Population							
60-89	2,599,901	6,087,451	1,470,548	2,283,003	3,314,493	2,068,377	2,420,951
50-59	1,103,638	2,615,153	570,323	949,168	1,322,422	786,393	1,051,424
40-49	936,637	2,845,799	516,883	963,224	1,374,332	683,281	905,409
20-39	1,688,341	5,719,070	942,696	1,879,703	2,688,067	1,312,443	1,751,370
Respondents							
60-89	92	213	65	98	160	88	97
50-59	80	171	60	82	109	63	62
40-49	66	203	38	91	104	65	64
20-39	49	184	38	58	99	56	79
swght_b							
60-89	28259.8	28579.6	22623.8	23295.9	20715.6	23504.3	24958.3
50-59	13795.5	15293.3	9505.4	11575.2	12132.3	12482.4	16958.5
40-49	14191.5	14018.7	13602.2	10584.9	13214.7	10512.0	14147.0
20-39	34455.9	31081.9	24807.8	32408.7	27152.2	23436.5	22169.2

[Japan] Overview Preference Parameters Study of Osaka University

2010 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2010	Hokkaido/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,841,001	4,990,464	1,060,072	1,826,181	2,587,473	1,468,681	1,666,576
born in the 1950s	1,087,868	2,722,294	577,646	970,047	1,274,019	780,172	1,019,474
born in the 1960s	916,128	3,042,255	528,077	1,016,136	1,329,013	665,324	840,346
born in the 1970s	971,064	3,409,044	576,693	1,143,396	1,495,838	755,362	916,839
born in the 1980s	837,399	2,476,980	442,677	845,253	1,194,381	609,323	838,304
Respondents							
born in the 1930s and the 1940s	99	223	52	95	138	76	79
born in the 1950s	76	175	61	85	99	63	80
born in the 1960s	61	166	42	76	99	44	65
born in the 1970s	41	124	18	55	71	42	41
born in the 1980s	25	58	13	19	25	14	22
swght_a							
born in the 1930s and the 1940s	18596.0	22378.8	20386.0	19223.0	18749.8	19324.8	21095.9
born in the 1950s	14314.1	15556.0	9469.6	11412.3	12868.9	12383.7	12743.4
born in the 1960s	15018.5	18326.8	12573.3	13370.2	13424.4	15121.0	12928.4
born in the 1970s	23684.5	27492.3	32038.5	20789.0	21068.1	17984.8	22361.9
born in the 1980s	33496.0	42706.6	34052.1	44487.0	47775.2	43523.1	38104.7
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,105,907	5,183,383	1,160,163	1,918,005	2,816,528	1,652,115	1,932,983
born in the 1950s	1,117,111	2,628,645	574,889	959,992	1,332,846	794,577	1,056,165
born in the 1960s	948,666	2,812,518	521,556	969,316	1,377,480	692,169	908,444
born in the 1970s	967,855	3,174,286	552,470	1,077,534	1,545,457	762,533	964,506
born in the 1980s	805,532	2,276,106	418,348	797,119	1,178,881	595,555	837,445
Respondents							
born in the 1930s and the 1940s	93	214	62	97	161	89	95
born in the 1950s	92	185	61	83	115	71	68
born in the 1960s	69	214	45	94	109	66	67
born in the 1970s	46	158	33	60	82	51	65
born in the 1980s	20	77	13	18	37	21	33
swght_a							
born in the 1930s and the 1940s	22644.2	24221.4	18712.3	19773.2	17494.0	18563.1	20347.2
born in the 1950s	12142.5	14208.9	9424.4	11566.2	11590.0	11191.2	15531.8
born in the 1960s	13748.8	13142.6	11590.1	10311.9	12637.4	10487.4	13558.9
born in the 1970s	21040.3	20090.4	16741.5	17958.9	18847.0	14951.6	14838.6
born in the 1980s	40276.6	29559.8	32180.6	44284.4	31861.6	28359.8	25377.1
Male / Age Group							
Population							
60-89	1,792,100	4,414,625	1,044,328	1,661,608	2,330,690	1,425,397	1,617,669
50-59	1,149,231	3,038,764	641,080	1,092,106	1,498,644	890,335	1,066,381
40-49	962,412	2,676,358	524,532	932,702	1,204,313	683,308	893,909
20-39	1,839,615	6,419,888	1,068,064	2,119,828	2,823,413	1,394,744	1,744,830
Respondents							
60-89	99	223	52	95	138	76	79
50-59	76	175	61	85	99	63	80
40-49	61	166	42	76	99	44	65
20-39	66	182	31	74	96	56	63
swght_b							
60-89	18102.0	19796.5	20083.2	17490.6	16889.1	18755.2	20476.8
50-59	15121.5	17364.4	10509.5	12848.3	15137.8	14132.3	13329.8
40-49	15777.2	16122.6	12488.9	12272.4	12164.8	15529.7	13752.4
20-39	27873.0	35274.1	34453.7	28646.3	29410.6	24906.1	27695.7
Female / Age Group							
Population							
60-89	2,376,625	5,199,143	1,354,283	2,000,201	2,887,957	1,897,815	2,221,231
50-59	1,191,950	3,008,326	640,604	1,095,540	1,580,393	908,636	1,107,825
40-49	990,355	2,509,409	520,971	904,467	1,250,931	704,978	946,690
20-39	1,845,199	5,936,983	1,028,024	2,001,203	2,903,713	1,416,692	1,843,733
Respondents							
60-89	93	214	62	97	161	89	95
50-59	92	185	61	83	115	71	68
40-49	69	214	45	94	109	66	67
20-39	66	235	46	78	119	72	98
swght_b							
60-89	25555.1	24295.1	21843.3	20620.6	17937.6	21323.8	23381.4
50-59	12956.0	16261.2	10501.7	13199.3	13742.5	12797.7	16291.5
40-49	14353.0	11726.2	11577.1	9622.0	11476.4	10681.5	14129.7
20-39	27957.6	25263.8	22348.3	25656.4	24400.9	19676.3	18813.6

[Japan] Overview Preference Parameters Study of Osaka University

2009 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2009	Hokkaido/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,841,001	4,990,464	1,060,072	1,826,181	2,587,473	1,468,681	1,666,576
born in the 1950s	1,087,868	2,722,294	577,646	970,047	1,274,019	780,172	1,019,474
born in the 1960s	916,128	3,042,255	528,077	1,016,136	1,329,013	665,324	840,346
born in the 1970s	971,064	3,409,044	576,693	1,143,396	1,495,838	755,362	916,839
born in the 1980s	837,399	2,476,980	442,677	845,253	1,194,381	609,323	838,304
Respondents							
born in the 1930s and the 1940s	111	242	59	105	147	93	92
born in the 1950s	96	196	68	93	109	74	93
born in the 1960s	72	192	51	83	102	54	81
born in the 1970s	51	144	23	64	81	46	54
born in the 1980s	28	75	15	28	38	17	30
swght_a							
born in the 1930s and the 1940s	16585.6	20621.8	17967.3	17392.2	17601.9	15792.3	18115.0
born in the 1950s	11332.0	13889.3	8494.8	10430.6	11688.2	10542.9	10962.1
born in the 1960s	12724.0	15845.1	10354.5	12242.6	13029.5	12320.8	10374.6
born in the 1970s	19040.5	23673.9	25073.6	17865.6	18467.1	16420.9	16978.5
born in the 1980s	29907.1	33026.4	29511.8	30187.6	31431.1	35842.5	27943.5
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,105,907	5,183,383	1,160,163	1,918,005	2,816,528	1,652,115	1,932,983
born in the 1950s	1,117,111	2,628,645	574,889	959,992	1,332,846	794,577	1,056,165
born in the 1960s	948,666	2,812,518	521,556	969,316	1,377,480	692,169	908,444
born in the 1970s	967,855	3,174,286	552,470	1,077,534	1,545,457	762,533	964,506
born in the 1980s	805,532	2,276,106	418,348	797,119	1,178,881	595,555	837,445
Respondents							
born in the 1930s and the 1940s	106	253	74	112	185	104	111
born in the 1950s	100	210	67	94	123	78	83
born in the 1960s	74	236	48	104	120	78	80
born in the 1970s	55	179	39	67	90	56	75
born in the 1980s	27	96	15	21	44	28	42
swght_a							
born in the 1930s and the 1940s	19867.0	20487.7	15677.9	17125.0	15224.5	15885.7	17414.3
born in the 1950s	11171.1	12517.4	8580.4	10212.7	10836.1	10186.9	12724.9
born in the 1960s	12819.8	11917.4	10865.8	9320.3	11479.0	8874.0	11355.5
born in the 1970s	17597.4	17733.4	14165.9	16082.6	17171.7	13616.7	12860.1
born in the 1980s	29834.5	23709.4	27889.9	37958.0	26792.8	21269.8	19939.2
Male / Age Group							
Population							
60-89	1,792,100	4,414,625	1,044,328	1,661,608	2,330,690	1,425,397	1,617,669
50-59	1,149,231	3,038,764	641,080	1,092,106	1,498,644	890,335	1,066,381
40-49	962,412	2,676,358	524,532	932,702	1,204,313	683,308	893,909
20-39	1,839,615	6,419,888	1,068,064	2,119,828	2,823,413	1,394,744	1,744,830
Respondents							
60-89	99	218	52	91	134	84	83
50-59	94	202	63	97	113	77	93
40-49	78	194	62	85	103	56	82
20-39	87	235	39	100	127	67	92
swght_b							
60-89	18102.0	20250.6	20083.2	18259.4	17393.2	16969.0	19490.0
50-59	12225.9	15043.4	10175.9	11258.8	13262.3	11562.8	11466.5
40-49	12338.6	13795.7	8460.2	10973.0	11692.4	12201.9	10901.3
20-39	21145.0	27318.7	27386.3	21198.3	22231.6	20817.1	18965.5
Female / Age Group							
Population							
60-89	2,376,625	5,199,143	1,354,283	2,000,201	2,887,957	1,897,815	2,221,231
50-59	1,191,950	3,008,326	640,604	1,095,540	1,580,393	908,636	1,107,825
40-49	990,355	2,509,409	520,971	904,467	1,250,931	704,978	946,690
20-39	1,845,199	5,936,983	1,028,024	2,001,203	2,903,713	1,416,692	1,843,733
Respondents							
60-89	96	224	64	102	169	96	103
50-59	99	217	72	97	129	81	82
40-49	78	229	49	104	115	73	81
20-39	89	304	58	95	149	94	125
swght_b							
60-89	24756.5	23210.5	21160.7	19609.8	17088.5	19768.9	21565.3
50-59	12039.9	13863.3	8897.3	11294.2	12251.1	11217.7	13510.1
40-49	12696.9	10958.1	10632.1	8696.8	10877.7	9657.2	11687.5
20-39	20732.6	19529.5	17724.6	21065.3	19488.0	15071.2	14749.9

[Japan] Overview Preference Parameters Study of Osaka University

2008 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2008	Hokkaido/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,841,001	4,990,464	1,060,072	1,826,181	2,587,473	1,468,681	1,666,576
born in the 1950s	1,087,868	2,722,294	577,646	970,047	1,274,019	780,172	1,019,474
born in the 1960s	916,128	3,042,255	528,077	1,016,136	1,329,013	665,324	840,346
born in the 1970s	971,064	3,409,044	576,693	1,143,396	1,495,838	755,362	916,839
born in the 1980s	837,399	2,476,980	442,677	845,253	1,194,381	609,323	838,304
Respondents							
born in the 1930s and the 1940s	73	153	33	63	95	55	57
born in the 1950s	42	96	35	36	41	30	37
born in the 1960s	21	86	21	22	41	17	25
born in the 1970s	10	60	4	20	21	11	14
born in the 1980s	4	15	2	6	4	2	2
swght_a							
born in the 1930s and the 1940s	25219.2	32617.4	32123.4	28987.0	27236.6	26703.3	29238.2
born in the 1950s	25901.6	28357.2	16504.2	26945.8	31073.6	26005.7	27553.4
born in the 1960s	43625.1	35375.1	25146.5	46188.0	32415.0	39136.7	33613.8
born in the 1970s	97106.4	56817.4	144173.3	57169.8	71230.4	68669.3	65488.5
born in the 1980s	209349.8	165132.0	221338.5	140875.5	298595.3	304661.5	419152.0
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,105,907	5,183,383	1,160,163	1,918,005	2,816,528	1,652,115	1,932,983
born in the 1950s	1,117,111	2,628,645	574,889	959,992	1,332,846	794,577	1,056,165
born in the 1960s	948,666	2,812,518	521,556	969,316	1,377,480	692,169	908,444
born in the 1970s	967,855	3,174,286	552,470	1,077,534	1,545,457	762,533	964,506
born in the 1980s	805,532	2,276,106	418,348	797,119	1,178,881	595,555	837,445
Respondents							
born in the 1930s and the 1940s	62	137	40	49	111	51	57
born in the 1950s	45	102	50	40	58	34	29
born in the 1960s	30	121	16	53	58	32	36
born in the 1970s	23	72	12	20	35	21	28
born in the 1980s	5	24	2	1	7	8	8
swght_a							
born in the 1930s and the 1940s	33966.2	37834.9	29004.1	39143.0	25374.1	32394.4	33912.0
born in the 1950s	24824.7	25771.0	11497.8	23999.8	22980.1	23369.9	36419.5
born in the 1960s	31622.2	23244.0	32597.3	18289.0	23749.7	21630.3	25234.6
born in the 1970s	42080.7	44087.3	46039.2	53876.7	44155.9	36311.1	34446.6
born in the 1980s	161106.4	94837.8	209174.0	797119.0	168411.6	74444.4	104680.6
Male / Age Group							
Population							
60-89	1,792,100	4,414,625	1,044,328	1,661,608	2,330,690	1,425,397	1,617,669
50-59	1,149,231	3,038,764	641,080	1,092,106	1,498,644	890,335	1,066,381
40-49	962,412	2,676,358	524,532	932,702	1,204,313	683,308	893,909
20-39	1,839,615	6,419,888	1,068,064	2,119,828	2,823,413	1,394,744	1,744,830
Respondents							
60-89	61	126	28	55	78	45	49
50-59	45	104	31	36	47	38	38
40-49	26	93	27	27	47	15	29
20-39	18	87	9	29	30	17	19
swght_b							
60-89	29378.7	35036.7	37297.4	30211.1	29880.6	31675.5	33013.7
50-59	25538.5	29218.9	20680.0	30336.3	31886.0	23429.9	28062.7
40-49	37015.8	28778.0	19427.1	34544.5	25623.7	45553.9	30824.4
20-39	102200.8	73791.8	118673.8	73097.5	94113.8	82043.8	91833.2
Female / Age Group							
Population							
60-89	2,376,625	5,199,143	1,354,283	2,000,201	2,887,957	1,897,815	2,221,231
50-59	1,191,950	3,008,326	640,604	1,095,540	1,580,393	908,636	1,107,825
40-49	990,355	2,509,409	520,971	904,467	1,250,931	704,978	946,690
20-39	1,845,199	5,936,983	1,028,024	2,001,203	2,903,713	1,416,692	1,843,733
Respondents							
60-89	46	112	32	43	99	42	47
50-59	53	106	51	39	58	38	31
40-49	32	114	23	53	61	33	37
20-39	34	124	14	28	51	33	43
swght_b							
60-89	51665.8	46420.9	42321.3	46516.3	29171.3	45186.1	47260.2
50-59	22489.6	28380.4	12560.9	28090.8	27248.2	23911.5	35736.3
40-49	30948.6	22012.4	22650.9	17065.4	20507.1	21363.0	25586.2
20-39	54270.6	47878.9	73430.3	71471.5	56935.6	42930.1	42877.5

[Japan] Overview Preference Parameters Study of Osaka University

2007 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2007	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,841,001	4,990,464	1,060,072	1,826,181	2,587,473	1,468,681	1,666,576
born in the 1950s	1,087,868	2,722,294	577,646	970,047	1,274,019	780,172	1,019,474
born in the 1960s	916,128	3,042,255	528,077	1,016,136	1,329,013	665,324	840,346
born in the 1970s	971,064	3,409,044	576,693	1,143,396	1,495,838	755,362	916,839
born in the 1980s	837,399	2,476,980	442,677	845,253	1,194,381	609,323	838,304
Respondents							
born in the 1930s and the 1940s	80	170	41	75	100	66	64
born in the 1950s	52	109	37	40	51	33	42
born in the 1960s	26	101	21	25	44	21	32
born in the 1970s	10	74	9	25	27	12	17
born in the 1980s	7	18	2	6	6	2	4
swght_a							
born in the 1930s and the 1940s	23012.5	29355.7	25855.4	24349.1	25874.7	22252.7	26040.3
born in the 1950s	20920.5	24975.2	15612.1	24251.2	24980.8	23641.6	24273.2
born in the 1960s	35235.7	30121.3	25146.5	40645.4	30204.8	31682.1	26260.8
born in the 1970s	97106.4	46068.2	64077.0	45735.8	55401.4	62946.8	53931.7
born in the 1980s	119628.4	137610.0	221338.5	140875.5	199063.5	304661.5	209576.0
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,105,907	5,183,383	1,160,163	1,918,005	2,816,528	1,652,115	1,932,983
born in the 1950s	1,117,111	2,628,645	574,889	959,992	1,332,846	794,577	1,056,165
born in the 1960s	948,666	2,812,518	521,556	969,316	1,377,480	692,169	908,444
born in the 1970s	967,855	3,174,286	552,470	1,077,534	1,545,457	762,533	964,506
born in the 1980s	805,532	2,276,106	418,348	797,119	1,178,881	595,555	837,445
Respondents							
born in the 1930s and the 1940s	67	158	46	58	121	64	62
born in the 1950s	49	112	54	45	64	35	34
born in the 1960s	32	134	18	58	62	34	40
born in the 1970s	31	78	12	23	42	25	31
born in the 1980s	7	31	2	4	9	13	8
swght_a							
born in the 1930s and the 1940s	31431.4	32806.2	25220.9	33069.1	23277.1	25814.3	31177.1
born in the 1950s	22798.2	23470.0	10646.1	21333.2	20825.7	22702.2	31063.7
born in the 1960s	29645.8	20988.9	28975.3	16712.3	22217.4	20357.9	22711.1
born in the 1970s	31221.1	40696.0	46039.2	46849.3	36796.6	30501.3	31113.1
born in the 1980s	115076.0	73422.8	209174.0	199279.8	130986.8	45811.9	104680.6
Male / Age Group							
Population							
60-89	1,792,100	4,414,625	1,044,328	1,661,608	2,330,690	1,425,397	1,617,669
50-59	1,149,231	3,038,764	641,080	1,092,106	1,498,644	890,335	1,066,381
40-49	962,412	2,676,358	524,532	932,702	1,204,313	683,308	893,909
20-39	1,839,615	6,419,888	1,068,064	2,119,828	2,823,413	1,394,744	1,744,830
Respondents							
60-89	56	126	31	60	77	50	51
50-59	62	119	34	45	56	42	44
40-49	34	110	31	30	50	22	30
20-39	23	117	14	36	45	20	34
swght_b							
60-89	32001.8	35036.7	33688.0	27693.5	30268.7	28507.9	31719.0
50-59	18536.0	25535.8	18855.3	24269.0	26761.5	21198.5	24235.9
40-49	28306.2	24330.5	16920.4	31090.1	24086.3	31059.5	29797.0
20-39	79983.3	54870.8	76290.3	58884.1	62742.5	69737.2	51318.5
Female / Age Group							
Population							
60-89	2,376,625	5,199,143	1,354,283	2,000,201	2,887,957	1,897,815	2,221,231
50-59	1,191,950	3,008,326	640,604	1,095,540	1,580,393	908,636	1,107,825
40-49	990,355	2,509,409	520,971	904,467	1,250,931	704,978	946,690
20-39	1,845,199	5,936,983	1,028,024	2,001,203	2,903,713	1,416,692	1,843,733
Respondents							
60-89	43	114	31	47	98	41	43
50-59	61	121	50	46	62	52	44
40-49	36	130	32	53	72	30	38
20-39	46	148	19	42	66	48	50
swght_b							
60-89	55270.3	45606.5	43686.5	42557.5	29468.9	46288.2	51656.5
50-59	19540.2	24862.2	12812.1	23816.1	25490.2	17473.8	25177.8
40-49	27509.9	19303.1	16280.3	17065.4	17374.0	23499.3	24912.9
20-39	40113.0	40114.8	54106.5	47647.7	43995.7	29514.4	36874.7

[Japan] Overview Preference Parameters Study of Osaka University

2006 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2006	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,841,001	4,990,464	1,060,072	1,826,181	2,587,473	1,468,681	1,666,576
born in the 1950s	1,087,868	2,722,294	577,646	970,047	1,274,019	780,172	1,019,474
born in the 1960s	916,128	3,042,255	528,077	1,016,136	1,329,013	665,324	840,346
born in the 1970s	971,064	3,409,044	576,693	1,143,396	1,495,838	755,362	916,839
born in the 1980s	837,399	2,476,980	442,677	845,253	1,194,381	609,323	838,304
Respondents							
born in the 1930s and the 1940s	102	213	45	91	120	87	72
born in the 1950s	60	126	43	46	62	40	51
born in the 1960s	32	120	22	34	53	26	37
born in the 1970s	15	88	9	30	35	17	26
born in the 1980s	10	26	2	9	12	3	10
swght_a							
born in the 1930s and the 1940s	18049.0	23429.4	23557.2	20067.9	21562.3	16881.4	23146.9
born in the 1950s	18131.1	21605.5	13433.6	21088.0	20548.7	19504.3	19989.7
born in the 1960s	28629.0	25352.1	24003.5	29886.4	25075.7	25589.4	22712.1
born in the 1970s	64737.6	38739.1	64077.0	38113.2	42738.2	44433.1	35263.0
born in the 1980s	83739.9	95268.5	221338.5	93917.0	99531.8	203107.7	83830.4
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,105,907	5,183,383	1,160,163	1,918,005	2,816,528	1,652,115	1,932,983
born in the 1950s	1,117,111	2,628,645	574,889	959,992	1,332,846	794,577	1,056,165
born in the 1960s	948,666	2,812,518	521,556	969,316	1,377,480	692,169	908,444
born in the 1970s	967,855	3,174,286	552,470	1,077,534	1,545,457	762,533	964,506
born in the 1980s	805,532	2,276,106	418,348	797,119	1,178,881	595,555	837,445
Respondents							
born in the 1930s and the 1940s	93	183	49	83	140	76	80
born in the 1950s	57	131	61	53	73	42	43
born in the 1960s	38	154	22	64	64	39	50
born in the 1970s	40	95	15	26	48	27	37
born in the 1980s	9	39	5	12	13	15	13
swght_a							
born in the 1930s and the 1940s	22644.2	28324.5	23676.8	23108.5	20118.1	21738.4	24162.3
born in the 1950s	19598.4	20066.0	9424.4	18113.1	18258.2	18918.5	24562.0
born in the 1960s	24964.9	18263.1	23707.1	15145.6	21523.1	17747.9	18168.9
born in the 1970s	24196.4	33413.5	36831.3	41443.6	32197.0	28242.0	26067.7
born in the 1980s	89503.6	58361.7	83669.6	66426.6	90683.2	39703.7	64418.8
Male / Age Group							
Population							
60-89	1,792,100	4,414,625	1,044,328	1,661,608	2,330,690	1,425,397	1,617,669
50-59	1,149,231	3,038,764	641,080	1,092,106	1,498,644	890,335	1,066,381
40-49	962,412	2,676,358	524,532	932,702	1,204,313	683,308	893,909
20-39	1,839,615	6,419,888	1,068,064	2,119,828	2,823,413	1,394,744	1,744,830
Respondents							
60-89	68	141	30	66	87	57	55
50-59	69	153	38	56	68	56	52
40-49	44	120	33	42	60	30	38
20-39	38	159	20	46	67	30	51
swght_b							
60-89	26354.4	31309.4	34810.9	25175.9	26789.5	25007.0	29412.2
50-59	16655.5	19861.2	16870.5	19501.9	22038.9	15898.8	20507.3
40-49	21873.0	22303.0	15894.9	22207.2	20071.9	22776.9	23523.9
20-39	48410.9	40376.7	53403.2	46083.2	42140.5	46491.5	34212.4
Female / Age Group							
Population							
60-89	2,376,625	5,199,143	1,354,283	2,000,201	2,887,957	1,897,815	2,221,231
50-59	1,191,950	3,008,326	640,604	1,095,540	1,580,393	908,636	1,107,825
40-49	990,355	2,509,409	520,971	904,467	1,250,931	704,978	946,690
20-39	1,845,199	5,936,983	1,028,024	2,001,203	2,903,713	1,416,692	1,843,733
Respondents							
60-89	53	121	29	56	106	46	55
50-59	80	143	57	59	77	62	48
40-49	42	144	39	63	72	34	50
20-39	62	194	27	60	83	57	70
swght_b							
60-89	44842.0	42968.1	46699.4	35717.9	27244.9	41256.8	40386.0
50-59	14899.4	21037.2	11238.7	18568.5	20524.6	14655.4	23079.7
40-49	23579.9	17426.5	13358.2	14356.6	17374.0	20734.6	18933.8
20-39	29761.3	30603.0	38075.0	33353.4	34984.5	24854.2	26339.0

[Japan] Overview Preference Parameters Study of Osaka University

2005 Survey: Population, Sample and sampling weight (swght)

Cohort Group in 2005	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Cohort Group							
Population							
born in the 1930s and the 1940s	1,946,654	5,252,313	1,115,849	1,925,442	2,741,433	1,543,884	1,746,438
born in the 1950s	1,113,338	2,757,471	590,259	982,082	1,310,751	795,093	1,034,705
born in the 1960s	926,736	3,058,945	533,197	1,010,935	1,363,250	668,637	840,618
born in the 1970s	992,548	3,443,358	574,988	1,104,917	1,587,535	752,276	931,485
born in the 1980s	927,756	2,255,632	490,336	854,230	1,193,410	677,960	932,966
Respondents							
born in the 1930s and the 1940s	96	180	37	70	104	67	51
born in the 1950s	50	94	38	32	49	31	44
born in the 1960s	19	92	16	35	37	24	29
born in the 1970s	10	54	7	21	36	9	21
born in the 1980s	7	18	2	7	8	3	3
swght_a							
born in the 1930s and the 1940s	20277.6	29179.5	30158.1	27506.3	26359.9	23043.0	34243.9
born in the 1950s	22266.8	29334.8	15533.1	30690.1	26750.0	25648.2	23516.0
born in the 1960s	48775.6	33249.4	33324.8	28883.9	36844.6	27859.9	28986.8
born in the 1970s	99254.8	63765.9	82141.1	52615.1	44098.2	83586.2	44356.4
born in the 1980s	132536.6	125312.9	245168.0	122032.9	149176.3	225986.7	310988.7
Female / Cohort Group							
Population							
born in the 1930s and the 1940s	2,154,165	5,298,116	1,183,610	1,963,355	2,891,869	1,686,118	1,970,550
born in the 1950s	1,128,294	2,636,529	579,685	966,469	1,348,416	801,465	1,061,511
born in the 1960s	954,302	2,792,061	523,566	968,678	1,395,450	696,991	909,115
born in the 1970s	976,558	3,144,365	548,285	1,063,531	1,603,092	765,681	968,034
born in the 1980s	882,943	2,124,470	464,483	811,741	1,150,338	650,557	893,655
Respondents							
born in the 1930s and the 1940s	64	145	45	62	119	65	75
born in the 1950s	49	112	42	50	58	45	38
born in the 1960s	30	108	14	46	51	33	34
born in the 1970s	26	82	9	24	43	20	36
born in the 1980s	4	16	3	12	11	5	8
swght_a							
born in the 1930s and the 1940s	33658.8	36538.7	26302.4	31667.0	24301.4	25940.3	26274.0
born in the 1950s	23026.4	23540.4	13802.0	19329.4	23248.6	17810.3	27934.5
born in the 1960s	31810.1	25852.4	37397.6	21058.2	27361.8	21120.9	26738.7
born in the 1970s	37559.9	38345.9	60920.6	44313.8	37281.2	38284.1	26889.8
born in the 1980s	220735.8	132779.4	154827.7	67645.1	104576.2	130111.4	111706.9
Male / Age Group							
Population							
60-89	1,622,264	3,584,285	938,166	1,389,295	1,936,158	1,284,445	1,463,469
50-59	1,057,433	3,102,844	627,882	1,119,901	1,592,361	868,038	956,348
40-49	1,113,338	2,757,471	590,259	982,082	1,310,751	795,093	1,034,705
20-39	1,919,284	6,502,303	1,108,185	2,115,852	2,950,785	1,420,913	1,772,103
Respondents							
60-89	68	118	23	42	66	43	35
50-59	54	116	33	43	63	38	39
40-49	35	90	28	38	38	30	36
20-39	25	114	16	42	67	23	38
swght_b							
60-89	23856.8	30375.3	40789.8	33078.5	29335.7	29870.8	41813.4
50-59	19582.1	26748.7	19026.7	26044.2	25275.6	22843.1	24521.7
40-49	31809.7	30638.6	21080.7	25844.3	34493.4	26503.1	28741.8
20-39	76771.4	57037.7	69261.6	50377.4	44041.6	61778.8	46634.3
Female / Age Group							
Population							
60-89	2,151,965	4,320,573	1,247,699	1,720,932	2,463,925	1,747,303	2,042,401
50-59	1,122,267	3,080,454	631,167	1,115,667	1,656,946	901,972	1,029,218
40-49	1,128,294	2,636,529	579,685	966,469	1,348,416	801,465	1,061,511
20-39	1,930,860	5,936,426	1,071,851	2,032,209	2,998,542	1,462,672	1,877,149
Respondents							
60-89	37	97	25	42	84	37	43
50-59	60	105	39	47	59	57	54
40-49	31	115	33	53	55	34	37
20-39	45	146	16	52	84	40	57
swght_b							
60-89	58161.2	44542.0	49908.0	40974.6	29332.4	47224.4	47497.7
50-59	18704.4	29337.7	16183.8	23737.6	28083.8	15824.1	19059.6
40-49	36396.6	22926.3	17566.2	18235.3	24516.7	23572.5	28689.5
20-39	42908.0	40660.5	66990.7	39080.9	35696.9	36566.8	32932.4

[Japan] Overview Preference Parameters Study of Osaka University

2004 Survey: Population, Sample and sampling weight (swght)

in 2004	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Age Group							
Population							
60-89	1,622,264	3,584,285	938,166	1,389,295	1,936,158	1,284,445	1,463,469
50-59	1,057,433	3,102,844	627,882	1,119,901	1,592,361	868,038	956,348
40-49	1,113,338	2,757,471	590,259	982,082	1,310,751	795,093	1,034,705
20-39	1,919,284	6,502,303	1,108,185	2,115,852	2,950,785	1,420,913	1,772,103
Respondents							
60-89	78	145	28	54	83	49	45
50-59	76	152	45	66	85	59	52
40-49	53	141	36	48	57	38	54
20-39	46	214	26	70	99	41	58
swght_b							
60-89	20798.3	24719.2	33505.9	25727.7	23327.2	26213.2	32521.5
50-59	13913.6	20413.4	13952.9	16968.2	18733.7	14712.5	18391.3
40-49	21006.4	19556.5	16396.1	20460.0	22995.6	20923.5	19161.2
20-39	41723.6	30384.6	42622.5	30226.5	29805.9	34656.4	30553.5
Female / Age Group							
Population							
60-89	2,151,965	4,320,573	1,247,699	1,720,932	2,463,925	1,747,303	2,042,401
50-59	1,122,267	3,080,454	631,167	1,115,667	1,656,946	901,972	1,029,218
40-49	1,128,294	2,636,529	579,685	966,469	1,348,416	801,465	1,061,511
20-39	1,930,860	5,936,426	1,071,851	2,032,209	2,998,542	1,462,672	1,877,149
Respondents							
60-89	53	129	33	53	101	49	54
50-59	81	154	49	62	92	67	72
40-49	54	161	47	66	80	43	50
20-39	76	220	30	85	112	66	87
swght_b							
60-89	40603.1	33492.8	37809.1	32470.4	24395.3	35659.2	37822.2
50-59	13855.1	20002.9	12881.0	17994.6	18010.3	13462.3	14294.7
40-49	20894.3	16376.0	12333.7	14643.5	16855.2	18638.7	21230.2
20-39	25406.1	26983.8	35728.4	23908.3	26772.7	22161.7	21576.4

2003 Survey: Population, Sample and sampling weight (swght)

in 2003	Hokkado/ Tohoku	Kanto	Hokuriku/ Koshinetsu	Tokai	Kinki	Chugoku/ Shikoku	Kyushu
Male / Age Group							
Population							
60-89	1,622,264	3,584,285	938,166	1,389,295	1,936,158	1,284,445	1,463,469
50-59	1,057,433	3,102,844	627,882	1,119,901	1,592,361	868,038	956,348
40-49	1,113,338	2,757,471	590,259	982,082	1,310,751	795,093	1,034,705
20-39	1,919,284	6,502,303	1,108,185	2,115,852	2,950,785	1,420,913	1,772,103
Respondents							
60-89	27	48	12	10	26	15	18
50-59	26	62	15	23	32	23	17
40-49	20	43	13	18	21	9	17
20-39	18	78	8	22	30	16	26
swght_b							
60-89	60083.9	74672.6	78180.5	138929.5	74467.6	85629.7	81303.8
50-59	40670.5	50045.9	41858.8	48691.3	49761.3	37740.8	56255.8
40-49	55666.9	64127.2	45404.5	54560.1	62416.7	88343.7	60865.0
20-39	106626.9	83362.9	138523.1	96175.1	98359.5	88807.1	68157.8
Female / Age Group							
Population							
60-89	2,151,965	4,320,573	1,247,699	1,720,932	2,463,925	1,747,303	2,042,401
50-59	1,122,267	3,080,454	631,167	1,115,667	1,656,946	901,972	1,029,218
40-49	1,128,294	2,636,529	579,685	966,469	1,348,416	801,465	1,061,511
20-39	1,930,860	5,936,426	1,071,851	2,032,209	2,998,542	1,462,672	1,877,149
Respondents							
60-89	10	44	13	21	27	14	26
50-59	29	51	18	26	34	17	24
40-49	16	46	7	21	28	17	14
20-39	22	70	13	24	47	22	24
swght_b							
60-89	215196.5	98194.8	95976.8	81949.1	91256.5	124807.4	78553.9
50-59	38698.9	60401.1	35064.8	42910.3	48733.7	53057.2	42884.1
40-49	70518.4	57315.8	82812.1	46022.3	48157.7	47145.0	75822.2
20-39	87766.4	84806.1	82450.1	84675.4	63798.8	66485.1	78214.5