The Revision of Weight

Since JGSS-2000, population-based weights had been calculated by using 144 weighting classes [regional blocks (6 categories) x town size (2 categories) x sex (2 categories) x age cohort (6 categories)].   Due to the recent large-scale merging among villages, towns, and cities, however, weight estimation with town size quota became not only insignificant, but also unstable for small towns.   Thus, the method of weight calculation for JGSS-2006 has been revised.   In addition, the method of weight calculation for JGSS-2005 has also been revised to keep the data from second period JGSS project consistent.

Rather than using 144 weighting classes, 14 classes [sex (2 categories) x age cohort (7 categories)] have been used to estimate the number of individuals one respondent represents.   Target populations for each weighting class are based on the Population Census of Japan 2005 (Ministry of Internal Affairs and Communications).

weight = (target population) / (number of respondents)

		Population	Number of respondents	Weight
Male	20 - 29	7,768,365	90	86,315
	30 - 39	9,166,607	125	73,333
	40 - 49	7,821,427	136	57,510
	50 - 59	9,383,638	187	50,180
	60 - 69	7,655,795	206	37,164
	70 - 79	5,274,602	137	38,501
	80 - 89	1,768,544	39	45,347
Female	20 - 29	7,459,404	132	56,511
	30 - 39	8,943,847	167	53,556
	40 - 49	7,737,809	168	46,058
	50 - 59	9,514,613	214	44,461
	60 - 69	8,233,926	224	36,759
	70 - 79	6,580,185	146	45,070
	80 - 89	3,472,587	52	66,781