Supplementary table. Number of people participating in each wave and percentage of those participating with missing data for each variable by cohort and gender.

 % Missing body mass index % Missing waist to height ratio % Missing childhood social class 1930s Cohort Number in cohort at each wave % Missing body mass index % Missing waist to height ratio % Missing childhood social class *Women 1970s Cohort Number in cohort at each wave % Missing body mass index % Missing body mass index % Missing waist to height ratio % Missing waist to height ratio % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 	ve2 Wave	3 Wave4	Wave5
Number in cohort at each wave Number in cohort at each wave Missing body mass index Missing waist to height ratio Missing childhood social class 1.2 1950s Cohort Number in cohort at each wave Missing body mass index Missing waist to height ratio Missing waist to height ratio Missing childhood social class 4.0 1930s Cohort Number in cohort at each wave Missing body mass index Missing waist to height ratio Missing childhood social class Women 1970s Cohort Number in cohort at each wave Missing body mass index Missing waist to height ratio Missing waist to height ratio Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave Missing body mass index Missing waist to height ratio Missing childhood social class 4.6 1930s Cohort	0/2 1995/	7 2000/4	2007/8
Number in cohort at each wave737% Missing body mass index5.0% Missing waist to height ratio4.6% Missing childhood social class1.21950s Cohort1.2Number in cohort at each wave656% Missing body mass index7.3% Missing waist to height ratio7.0% Missing childhood social class4.01930s Cohort4.0Number in cohort at each wave6.7% Missing body mass index6.7% Missing childhood social class6.8Women6.41970s Cohort4.6Number in cohort at each wave778% Missing body mass index6.2% Missing waist to height ratio5.9% Missing childhood social class2.21950s Cohort1950s CohortNumber in cohort at each wave788% Missing body mass index5.7% Missing waist to height ratio7.0% Missing waist to height ratio7.0% Missing childhood social class4.61930s Cohort			
% Missing body mass index % Missing waist to height ratio 4.6 % Missing childhood social class 1.2 1950s Cohort Number in cohort at each wave 656 % Missing body mass index 7.3 % Missing waist to height ratio 7.0 % Missing childhood social class 4.0 1930s Cohort Number in cohort at each wave 702 % Missing body mass index 6.7 % Missing waist to height ratio 6.4 % Missing waist to height ratio 6.4 % Missing childhood social class Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing waist to height ratio 5.9 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort			
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% Missing childhood social class 1.2 1950s Cohort Number in cohort at each wave 656 % Missing body mass index 7.3 % Missing waist to height ratio 7.0 % Missing childhood social class 4.0 1930s Cohort Number in cohort at each wave 702 % Missing body mass index 6.7 % Missing waist to height ratio 6.4 % Missing childhood social class Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort	2.0	4.1 3.1	1.4
1950s Cohort Number in cohort at each wave 656 % Missing body mass index 7.3 % Missing waist to height ratio 7.0 % Missing childhood social class 4.0 1930s Cohort Number in cohort at each wave 702 % Missing body mass index 6.7 % Missing waist to height ratio 6.4 % Missing childhood social class 6.8 Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort	1.9	3.6 1.3	2.8
Number in cohort at each wave % Missing body mass index % Missing waist to height ratio % Missing childhood social class 1930s Cohort Number in cohort at each wave % Missing body mass index % Missing waist to height ratio % Missing waist to height ratio % Missing childhood social class Women 1970s Cohort Number in cohort at each wave % Missing body mass index % Missing waist to height ratio % Missing waist to height ratio % Missing waist to height ratio % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave % Missing body mass index % Missing waist to height ratio % Missing childhood social class 1930s Cohort			
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% Missing childhood social class 1930s Cohort Number in cohort at each wave 702 % Missing body mass index 6.7 % Missing waist to height ratio 6.4 % Missing childhood social class Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing waist to height ratio 5.9 % Missing childhood social class 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort	0.9	7.9 3.8	1.1
1930s Cohort Number in cohort at each wave 702 % Missing body mass index 6.7 % Missing waist to height ratio 6.4 % Missing childhood social class Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort	1.3	6.8 0.9	1.8
Number in cohort at each wave % Missing body mass index 6.7 % Missing waist to height ratio 6.4 % Missing childhood social class Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort			
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% Missing waist to height ratio 6.4 % Missing childhood social class Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort	580 4	50 368	279
% Missing childhood social class Women 1970s Cohort Number in cohort at each wave % Missing body mass index % Missing waist to height ratio % Missing childhood social class 1950s Cohort Number in cohort at each wave % Missing body mass index % Missing body mass index % Missing body mass index % Missing waist to height ratio % Missing waist to height ratio % Missing childhood social class 1930s Cohort	0.7	8.7 6.3	6.8
Women 1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort	1.0	7.8 4.6	6.8
1970s Cohort Number in cohort at each wave 778 % Missing body mass index 6.2 % Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort			
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% Missing waist to height ratio 5.9 % Missing childhood social class 2.2 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort	705 4	96 459	518
% Missing childhood social class 1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 1930s Cohort	0.9	1.2 4.6	4.5
1950s Cohort Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort	2.4	3.2 10.7	8.1
Number in cohort at each wave 788 % Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort			
% Missing body mass index 5.7 % Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort			
% Missing waist to height ratio 7.0 % Missing childhood social class 4.6 1930s Cohort	676 5	570 534	542
% Missing childhood social class 4.6 1930s Cohort	0.74	1.2 3.4	2.6
1930s Cohort	1.8	1.2 3.2	3.1
Number in cohort at each wave 849			
	686 5	80 470	384
% Missing body mass index 6.1	1.0	4.1 3.6	2.6
% Missing waist to height ratio 5.8		2.1 1.9	
% Missing childhood social class 5.7			

Abbreviations: BMI, body mass index; WHtR, waist to height ratio