

## **2003 Scottish Health Survey Health Board Tables**

### **- Survey Sample Size and Precision**

As surveys are carried out on a random sample of the population, there is always some uncertainty about the survey estimates. Everything else being equal, the precision of an estimate increases as the sample size increases. When interpreting a survey estimate, therefore, it is important to also consider the uncertainty of that estimate, represented by the standard error (or confidence interval). This becomes particularly important for estimates based on sub-groups of the population, as the sample sizes can become relatively small.

As well as being related to the sample size, the precision of survey estimates is also affected by the design of the sampling. Clustering of the sample and unequal probability selection (and weighting due to non-response) both impact on the precision of the estimates – usually to reduce the precision. In addition, the stratification employed when obtaining the sample of primary sampling units also impacts on the precision – usually to increase it. One method of reporting the impact of these design features on the precision is to report design factors (defts); the design factor is calculated as the ratio of the 'true' standard error for the survey to the standard error that would be obtained with a simple random sample (i.e. no clustering, stratification or weighting) of the same size. The larger the value of the deft, the greater the loss in precision, with a deft of 1 indicating no loss in precision.

Given that the estimates by Health Board and gender can be based on small sample sizes, we have generated estimates of the standard errors, defts and 95% confidence intervals for a selection of survey estimates (means and proportions), so that, in combination with the sample size, the true precision for each estimate can be assessed. Note that the deft values and true standard errors are themselves estimates subject to random sampling error.

Volume 4, Chapter 1 of the 2003 Scottish Health Survey report has more details of the sample design and weighting.

If you have any further queries about these Health Board tables, or the Scottish Health Survey, please email:  
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Any CVD, IHD, IHD or stroke, and Diabetes, by Health Board and sex

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	File	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
<b>Any cardiovascular condition (%)</b>	18.1	16.6	15.5	12.9	14.4	10.7	12.3	15.4	13.1	19.0	14.8		7.2	13.8	14.9
True standard error	2.74	1.65	1.68	1.74	2.12	1.87	1.83	1.71	1.65	2.19	2.01		1.09	1.68	0.63
DEFT	1.20	0.74	0.42	0.55	1.01	0.93	1.15	1.21	0.62	1.12	1.37		0.31	0.84	1.10
95% Confidence interval (lower)	12.7	13.4	12.2	9.5	10.3	7.1	8.7	12.1	9.9	14.7	10.9		5.1	10.5	13.6
95% Confidence interval (upper)	23.5	19.9	18.8	16.3	18.6	14.4	15.9	18.8	16.3	23.2	18.8		9.4	17.1	16.1
<b>Ever had IHD (Angina or Heart Attack) (%)</b>	11.9	7.4	6.6	7.8	8.7	7.2	7.1	8.6	8.6	10.4	7.6		5.0	5.5	8.2
True standard error	2.40	1.33	1.17	1.29	1.71	1.71	1.17	1.31	1.11	1.38	1.31		0.56	1.40	0.48
DEFT	1.25	0.85	0.43	0.51	1.02	1.02	0.94	1.19	0.50	0.91	1.19		0.19	0.85	1.08
95% Confidence interval (lower)	7.2	4.7	4.3	5.3	5.3	3.8	4.8	6.0	6.4	7.7	5.0		3.9	2.8	7.3
95% Confidence interval (upper)	16.6	10.0	8.9	10.3	12.0	10.5	9.4	11.1	10.8	13.1	10.1		6.1	8.3	9.1
<b>Ever had IHD or Stroke (%)</b>	13.5	10.2	7.3	9.5	10.8	8.3	8.0	9.7	9.7	12.9	8.6		6.5	5.9	9.6
True standard error	2.67	1.18	1.25	1.54	1.75	1.70	1.27	1.47	1.29	1.35	1.44		1.11	1.40	0.51
DEFT	1.32	0.65	0.44	0.56	0.95	0.94	0.96	1.27	0.55	0.81	1.25		0.33	1.03	1.07
95% Confidence interval (lower)	8.2	7.8	4.9	6.4	7.3	5.0	5.5	6.8	7.1	10.3	5.7		4.3	3.1	8.6
95% Confidence interval (upper)	18.7	12.5	9.8	12.5	14.2	11.7	10.5	12.6	12.2	15.6	11.4		8.7	8.6	10.6
<b>Has doctor-diagnosed diabetes (%)</b>	6.2	4.1	6.3	4.2	3.1	4.1	3.9	3.7	3.1	4.0	3.2		5.9	1.8	3.8
True standard error	1.90	1.13	1.94	1.49	0.99	0.80	0.92	0.95	0.99	1.22	0.99		1.01	0.56	0.33
DEFT	1.33	0.95	0.73	0.79	0.95	0.62	0.97	1.29	0.72	1.25	1.36		0.31	0.73	1.08
95% Confidence interval (lower)	2.5	1.8	2.5	1.2	1.2	2.5	2.1	1.8	1.2	1.6	1.3		3.9	0.7	3.1
95% Confidence interval (upper)	9.9	6.3	10.1	7.1	5.1	5.6	5.7	5.5	5.0	6.4	5.1		7.9	2.9	4.4
<b>Women</b>															
<b>Any cardiovascular condition (%)</b>	14.2	13.7	13.9	11.0	15.9	14.4	10.7	16.1	14.7	18.2	13.0		15.6	14.3	14.5
True standard error	1.76	1.86	2.17	1.39	2.35	2.25	1.58	1.63	2.54	1.75	1.66		2.52	2.02	0.58
DEFT	0.99	0.95	0.60	0.49	1.08	0.98	1.07	1.20	0.96	0.98	1.26		0.49	1.07	1.08
95% Confidence interval (lower)	10.7	10.0	9.7	8.3	11.3	10.0	7.6	12.9	9.8	14.8	9.8		10.7	10.3	13.3
95% Confidence interval (upper)	17.6	17.3	18.2	13.8	20.5	18.8	13.8	19.3	19.7	21.7	16.3		20.6	18.2	15.6
<b>Ever had IHD (Angina or Heart Attack) (%)</b>	6.1	5.8	3.6	3.8	6.5	6.8	4.6	8.3	6.7	9.9	4.8		4.5	6.8	6.5
True standard error	1.58	1.10	1.09	1.06	1.98	2.24	0.99	1.19	1.76	1.32	1.01		1.01	1.43	0.42
DEFT	1.29	0.83	0.56	0.62	1.36	1.36	0.99	1.16	0.95	0.95	1.21		0.35	1.06	1.11
95% Confidence interval (lower)	3.0	3.6	1.4	1.7	2.6	2.4	2.6	6.0	3.2	7.3	2.8		2.5	4.0	5.7
95% Confidence interval (upper)	9.2	8.0	5.7	5.9	10.3	11.2	6.5	10.6	10.1	12.4	6.8		6.4	9.6	7.3
<b>Ever had IHD or Stroke (%)</b>	7.5	7.2	4.1	4.7	8.5	8.7	5.4	10.7	8.1	11.6	5.5		7.4	8.1	8.0
True standard error	1.55	1.30	1.02	1.18	2.42	2.53	1.12	1.35	2.11	1.03	1.12		1.67	1.43	0.46
DEFT	1.16	0.88	0.49	0.62	1.46	1.37	1.03	1.18	1.04	0.70	1.26		0.45	0.97	1.10
95% Confidence interval (lower)	4.4	4.7	2.1	2.4	3.8	3.7	3.2	8.0	3.9	9.5	3.3		4.1	5.3	7.1
95% Confidence interval (upper)	10.5	9.8	6.1	7.0	13.2	13.6	7.6	13.3	12.2	13.6	7.7		10.7	10.9	8.9
<b>Has doctor-diagnosed diabetes (%)</b>	5.0	3.7	3.8	3.6	3.7	5.5	3.5	4.3	3.2	3.5	2.9		3.8	2.2	3.7
True standard error	1.60	0.88	1.41	0.98	1.35	1.54	0.82	0.63	0.67	1.09	0.57		0.83	0.86	0.29
DEFT	1.45	0.95	0.71	0.59	1.21	1.04	0.93	0.85	0.51	1.28	0.87		0.31	1.09	1.02
95% Confidence interval (lower)	1.8	2.0	1.1	1.7	1.0	2.4	1.9	3.0	1.8	1.4	1.8		2.2	0.5	3.1
95% Confidence interval (upper)	8.1	5.5	6.6	5.6	6.3	8.5	5.1	5.5	4.5	5.7	4.0		5.4	3.9	4.3
<b>All adults</b>															
<b>Any cardiovascular condition (%)</b>	15.8	15.1	14.7	11.9	15.1	12.6	11.5	15.8	14.0	18.6	13.9		11.3	14.1	14.7
True standard error	1.51	1.18	1.10	1.28	1.65	1.40	1.36	1.37	1.68	1.51	1.44		1.11	1.41	0.46
DEFT	1.07	0.80	0.41	0.61	1.09	0.92	1.25	1.40	0.89	1.14	1.47		0.36	1.03	1.18
95% Confidence interval (lower)	12.9	12.7	12.5	9.4	11.9	9.8	8.8	13.1	10.7	15.6	11.0		9.1	11.3	13.7
95% Confidence interval (upper)	18.8	17.4	16.8	14.4	18.4	15.3	14.2	18.5	17.2	21.5	16.7		13.5	16.8	15.6
<b>Ever had IHD (Angina or Heart Attack) (%)</b>	8.6	6.5	5.0	5.7	7.6	7.0	5.8	8.4	7.6	10.1	6.1		4.7	6.2	7.3
True standard error	1.54	0.62	0.78	0.79	1.31	1.33	0.65	0.99	1.11	0.92	0.81		0.73	1.13	0.33
DEFT	1.43	0.61	0.47	0.52	1.18	1.13	0.82	1.32	0.77	0.90	1.20		0.35	1.19	1.13
95% Confidence interval (lower)	5.5	5.3	3.5	4.2	5.0	4.4	4.5	6.5	5.4	8.3	4.5		3.3	4.0	6.7
95% Confidence interval (upper)	11.6	7.8	6.5	7.2	10.1	9.6	7.1	10.4	9.7	11.9	7.7		6.2	8.4	7.9
<b>Ever had IHD or Stroke (%)</b>	10.0	8.6	5.7	7.0	9.6	8.5	6.7	10.2	8.8	12.2	6.9		6.9	7.1	8.7
True standard error	1.74	0.78	0.75	0.77	1.56	1.35	0.83	1.15	1.38	0.78	0.94		0.69	1.24	0.36
DEFT	1.50	0.67	0.43	0.46	1.26	1.05	0.97	1.42	0.89	0.70	1.30		0.28	1.22	1.16
95% Confidence interval (lower)	6.6	7.1	4.2	5.5	6.6	5.9	5.1	8.0	6.1	10.7	5.1		5.6	4.7	8.0
95% Confidence interval (upper)	13.4	10.1	7.1	8.5	12.7	11.2	8.3	12.5	11.5	13.7	8.8		8.3	9.5	9.5
<b>Has doctor-diagnosed diabetes (%)</b>	5.5	3.9	5.0	3.9	3.4	4.8	3.7	4.0	3.1	3.7	3.0		4.9	2.0	3.7
True standard error	1.28	0.66	1.24	0.92	0.78	0.84	0.71	0.55	0.43	0.67	0.60		0.78	0.57	0.22
DEFT	1.46	0.83	0.75	0.74	1.02	0.85	1.11	1.05	0.46	1.04	1.24		0.37	1.03	1.05
95% Confidence interval (lower)	3.0	2.6	2.6	2.1	1.9	3.1	2.3	2.9	2.3	2.4	1.9		3.3	0.9	3.3
95% Confidence interval (upper)	8.0	5.2	7.4	5.7	4.9	6.4	5.1	5.1	4.0	5.1	4.2		6.4	3.1	4.2
<b>Bases (weighted):</b>															
Men	285	278	83	113	282	235	424	656	160	404	585		53	296	3855
Women	388	311	93	124	285	235	434	726	180	464	653		51	344	4287
All adults	673	589	176	237	567	471	858	1383	340	868	1237		104	641	8142
<b>Bases (unweighted):</b>															
Men	185	295	142	234	249	192	337	556	329	312	472		106	199	3608
Women	281	363	171	286	283	226	401	709	409	425	605		106	269	4534
All adults	466	658	313	520	532	418	738	1265	738	737	1077		212	468	8142

Notes:  
 The definition of any CVD does not include diabetes or high blood pressure  
 Women who were diagnosed with diabetes when pregnant were not included in the definition of doctor-diagnosed diabetes

**Estimated usual weekly alcohol consumption level, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total			
<b>Men</b>																	
Mean units per week	20.1	16.9	14.5		15.1	14.5		17.4	14.5		18.5	16.2	20.3	17.1	11.9	16.7	17.2
SE of the mean	2.48	1.52	1.78		1.05	1.36		1.90	1.19		0.82	1.05	2.76	1.40	2.26	2.44	0.53
DEFT	1.36	0.81	0.84		0.53	1.45		1.02	1.20		0.72	0.63	1.20	1.63	0.90	1.29	1.15
95% Confidence interval (lower)	15.2	13.9	11.0		13.0	11.8		13.6	12.1		16.9	14.1	14.9	14.4	7.5	11.9	16.1
95% Confidence interval (upper)	25.0	19.8	18.0		17.1	17.1		21.1	16.8		20.1	18.3	25.7	19.9	16.3	21.5	18.2
<b>Women</b>																	
Mean units per week	5.7	6.7	6.3		6.3	5.8		5.3	6.2		7.2	6.1	5.8	8.3	5.6	5.9	6.5
SE of the mean	0.64	0.66	0.54		0.84	0.52		0.94	0.62		0.52	0.65	0.43	1.10	0.54	0.54	0.24
DEFT	1.38	1.24	0.69		0.84	1.08		1.01	1.50		0.96	0.98	1.05	1.29	0.40	1.20	1.19
95% Confidence interval (lower)	4.5	5.4	5.2		4.6	4.8		3.5	5.0		6.2	4.8	5.0	6.2	4.5	4.9	6.1
95% Confidence interval (upper)	7.0	8.0	7.3		7.9	6.8		7.1	7.4		8.3	7.4	6.7	10.5	6.7	7.0	7.0
<b>All adults</b>																	
Mean units per week	11.9	11.5	10.1		10.5	10.1		11.3	10.3		12.5	10.8	12.6	12.5	8.8	10.9	11.6
SE of the mean	1.31	0.87	0.83		0.74	0.92		1.16	0.74		0.46	0.72	1.26	0.89	1.27	1.24	0.30
DEFT	1.50	0.93	0.74		0.67	1.66		1.08	1.35		0.73	0.81	1.13	1.44	0.86	1.32	1.19
95% Confidence interval (lower)	9.3	9.8	8.5		9.0	8.3		9.1	8.8		11.6	9.4	10.1	10.8	6.3	8.5	11.0
95% Confidence interval (upper)	14.5	13.2	11.8		11.9	11.9		13.6	11.7		13.4	12.2	15.0	14.3	11.3	13.3	12.1
<b>Bases (weighted):</b>																	
<i>Men</i>	279	270	81		110	276		234	421		635	155	399	576	52	291	3780
<i>Women</i>	369	305	91		121	278		234	435		708	179	462	637	50	337	4209
<i>All adults</i>	648	576	173		231	554		468	856		1343	334	861	1213	102	628	7988
<b>Bases (unweighted):</b>																	
<i>Men</i>	182	288	140		230	246		191	334		544	320	309	466	105	196	3551
<i>Women</i>	273	357	168		282	277		225	402		694	408	424	595	105	266	4476
<i>All adults</i>	455	645	308		512	523		416	736		1238	728	733	1061	210	462	8027



**Cigarette smoking status, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
Current cigarette smoker (%)	33	28	32		28	31	25	31	35	26	28	21	37	33	29
True standard error	2.68	2.66	3.36		3.22	3.42	3.90	2.76	2.10	3.49	2.00	1.94	3.90	3.71	0.86
DEFT	0.96	0.99	0.66		0.76	1.23	1.38	1.22	1.12	1.00	0.90	1.14	0.59	1.36	1.16
95% Confidence interval (lower)	28	22	25		22	25	18	26	31	19	24	17	30	25	28
95% Confidence interval (upper)	38	33	38		34	38	33	37	39	33	32	25	45	40	31
<b>Women</b>															
Current cigarette smoker (%)	31	28	27		30	27	24	25	35	21	29	24	23	22	28
True standard error	3.30	2.50	4.72		2.28	3.43	2.37	2.12	2.07	2.60	2.05	1.91	4.78	3.57	0.77
DEFT	1.41	0.98	1.01		0.55	1.30	0.85	1.01	1.17	0.85	0.97	1.13	0.81	1.59	1.13
95% Confidence interval (lower)	24	23	18		26	20	19	21	31	16	25	21	13	15	26
95% Confidence interval (upper)	37	33	37		35	33	28	30	39	26	33	28	32	29	29
<b>All adults</b>															
Current cigarette smoker (%)	32	28	29		29	29	24	28	35	23	29	23	30	27	28
True standard error	2.40	2.07	3.47		2.04	3.14	2.34	1.98	1.83	2.66	1.49	1.47	3.58	2.83	0.65
DEFT	1.34	1.12	1.00		0.69	1.63	1.18	1.29	1.43	1.16	0.97	1.23	0.80	1.61	1.30
95% Confidence interval (lower)	27	24	23		25	23	20	24	31	18	26	20	23	22	27
95% Confidence interval (upper)	36	32	36		33	35	29	32	38	29	31	26	37	33	30
<i>Bases (weighted):</i>															
Men	283	274	82		112	276	234	423	646	158	404	579	53	293	3819
Women	387	310	92		122	279	234	435	723	179	462	648	51	344	4267
All adults	670	584	174		235	556	468	858	1369	338	866	1227	104	637	8086
<i>Bases (unweighted):</i>															
Men	183	292	141		233	246	191	336	551	325	312	469	106	197	3582
Women	280	362	169		284	278	225	402	706	408	424	601	106	269	4514
All adults	463	654	310		517	524	416	738	1257	733	736	1070	212	466	8096

**Fruit and vegetable consumption (portions per day) by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
5+ portions a day (%)	21	19	22		21	23	19	20	21	26	13	22	19	15	20
True standard error	3.12	3.19	3.25		3.16	3.48	2.55	2.86	1.56	2.64	2.85	2.30	6.97	2.76	0.79
DEFT	1.29	1.36	0.72		0.83	1.39	1.00	1.46	0.98	0.76	1.72	1.35	1.30	1.35	1.23
95% Confidence interval (lower)	15	13	15		15	16	14	15	18	21	7	17	5	9	18
95% Confidence interval (upper)	27	25	28		27	30	24	26	24	32	18	26	33	20	21
Mean portions per day	3.2	2.9	3.4		3.1	3.3	3.0	3.0	2.9	3.3	2.5	3.1	3.0	2.7	3.0
Standard error of the mean	0.27	0.20	0.30		0.20	0.20	0.20	0.23	0.13	0.15	0.14	0.12	0.42	0.15	0.06
DEFT	1.37	1.44	1.12		0.93	1.33	1.35	1.73	1.39	0.77	1.35	1.20	1.45	1.28	1.41
95% Confidence interval (lower)	2.7	2.5	2.8		2.7	2.9	2.6	2.5	2.7	3.0	2.2	2.9	2.2	2.4	2.9
95% Confidence interval (upper)	3.8	3.3	4.0		3.5	3.7	3.4	3.4	3.2	3.6	2.7	3.4	3.8	3.0	3.1
<b>Women</b>															
5+ portions a day (%)	19	20	27		22	28	20	22	20	30	16	27	23	22	22
True standard error	2.69	2.67	4.27		3.09	3.10	3.21	2.77	1.44	2.75	2.21	2.10	7.36	2.45	0.80
DEFT	1.36	1.19	0.93		0.83	1.16	1.22	1.39	0.96	0.80	1.29	1.22	1.24	1.10	1.27
95% Confidence interval (lower)	13	14	19		16	22	14	17	18	25	12	22	9	17	21
95% Confidence interval (upper)	24	25	35		28	34	27	28	23	36	21	31	37	26	24
Mean portions per day	2.9	2.9	3.6		3.3	3.4	3.2	3.2	3.0	3.8	2.7	3.6	3.8	3.2	3.2
Standard error of the mean	0.17	0.19	0.25		0.20	0.20	0.25	0.16	0.11	0.18	0.11	0.13	0.55	0.13	0.05
DEFT	1.48	1.43	0.93		0.89	1.37	1.52	1.49	1.16	0.97	1.19	1.28	1.25	1.07	1.34
95% Confidence interval (lower)	2.6	2.6	3.1		2.9	3.0	2.7	2.9	2.7	3.4	2.5	3.4	2.8	3.0	3.1
95% Confidence interval (upper)	3.2	3.3	4.1		3.7	3.8	3.7	3.5	3.2	4.1	3.0	3.9	4.9	3.5	3.3
<b>All adults</b>															
5+ portions a day (%)	20	19	24		21	26	20	21	21	29	15	24	21	18	21
True standard error	2.30	2.74	3.19		2.48	2.91	2.23	2.18	1.24	2.36	2.09	1.92	6.93	1.92	0.67
DEFT	1.50	1.69	0.98		0.93	1.59	1.22	1.56	1.14	0.96	1.74	1.57	1.74	1.26	1.48
95% Confidence interval (lower)	15	14	18		16	20	15	17	18	24	11	21	7	15	20
95% Confidence interval (upper)	24	25	31		26	31	24	26	23	33	19	28	35	22	22
Mean portions per day	3.1	2.9	3.5		3.2	3.3	3.1	3.1	2.9	3.6	2.6	3.4	3.4	3.0	3.1
Standard error of the mean	0.17	0.18	0.23		0.17	0.18	0.17	0.15	0.10	0.13	0.10	0.11	0.47	0.10	0.04
DEFT	1.60	1.95	1.18		1.12	1.66	1.49	1.74	1.54	0.98	1.45	1.50	1.75	1.12	1.60
95% Confidence interval (lower)	2.7	2.5	3.1		2.8	3.0	2.8	2.8	2.7	3.3	2.4	3.2	2.5	2.8	3.0
95% Confidence interval (upper)	3.4	3.3	4.0		3.5	3.7	3.4	3.4	3.1	3.8	2.8	3.6	4.3	3.2	3.2
<i>Bases (weighted):</i>															
Men	285	278	83		113	282	235	424	657	160	404	586	53	296	3857
Women	388	311	93		124	285	235	437	727	180	464	653	51	344	4291
All adults	673	589	176		237	567	471	861	1385	340	868	1238	104	641	8148
<i>Bases (unweighted):</i>															
Men	185	295	142		234	249	192	337	557	329	312	473	106	199	3610
Women	281	363	171		286	283	226	404	710	409	425	605	106	269	4538
All adults	466	658	313		520	532	418	741	1267	738	737	1078	212	468	8148

**Body mass index (BMI), by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
All over 25 (overweight, including obese) (%)	68.0	68.2	70.2		71.5	64.5	56.7	63.3	63.2	66.7	68.4	66.1	76.3	63.7	65.4
True standard error	2.64	3.02	2.67		2.66	3.12	5.17	2.63	3.18	3.21	3.44	2.74	4.44	3.94	1.03
DEFT	0.89	0.95	0.52		0.59	1.00	1.46	1.05	1.53	0.78	1.35	1.25	0.75	1.33	1.23
95% Confidence interval (lower)	62.8	62.3	65.0		66.3	58.4	46.5	58.1	57.0	60.4	61.6	60.7	67.6	56.0	63.4
95% Confidence interval (upper)	73.2	74.1	75.5		76.8	70.6	66.8	68.4	69.4	73.0	75.1	71.5	85.0	71.4	67.4
<b>Women</b>															
All over 25 (overweight, including obese) (%)	61.9	60.5	55.7		63.6	64.0	61.9	56.0	54.7	62.4	64.9	58.6	65.0	59.2	59.7
True standard error	4.04	3.56	3.78		2.78	3.80	4.02	3.33	2.63	3.40	2.04	2.82	5.88	3.34	1.04
DEFT	1.47	1.08	0.69		0.61	1.24	1.11	1.26	1.28	0.85	0.83	1.30	0.84	1.17	1.25
95% Confidence interval (lower)	53.9	53.5	48.3		58.2	56.6	54.1	49.5	49.5	55.7	60.9	53.1	53.5	52.7	57.7
95% Confidence interval (upper)	69.8	67.4	63.1		69.1	71.5	69.8	62.6	59.9	69.0	69.0	64.1	76.5	65.8	61.8
<b>All adults</b>															
All over 25 (overweight, including obese) (%)	64.6	64.3	62.8		67.4	64.2	59.2	59.7	58.8	64.4	66.6	62.1	71.4	61.3	62.4
True standard error	2.51	2.39	2.28		2.39	2.78	3.73	2.47	2.45	1.84	2.28	2.25	2.16	2.74	0.83
DEFT	1.24	1.04	0.60		0.74	1.28	1.47	1.35	1.68	0.64	1.28	1.46	0.47	1.33	1.40
95% Confidence interval (lower)	59.6	59.6	58.4		62.7	58.8	51.9	54.9	54.0	60.8	62.1	57.7	67.1	56.0	60.8
95% Confidence interval (upper)	69.5	69.0	67.3		72.0	69.7	66.5	64.6	63.6	68.0	71.0	66.6	75.6	66.7	64.1
<i>Bases (weighted):</i>															
<i>Men</i>	244	215	79		99	236	195	367	540	132	329	466	51	263	3217
<i>Women</i>	310	219	82		110	245	177	353	584	147	373	517	46	294	3458
<i>All adults</i>	554	435	161		209	482	373	720	1124	279	702	984	96	557	6675
<i>Bases (unweighted):</i>															
<i>Men</i>	156	227	134		207	209	158	290	461	271	250	377	100	176	3016
<i>Women</i>	223	257	151		257	243	172	325	566	339	343	483	95	230	3684
<i>All adults</i>	379	484	285		464	452	330	615	1027	610	593	860	195	406	6700

**Waist-hip ratio (WHR) and waist circumference, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
% with waist circumference $\geq 102$ cm	36.8	30.5	27.7		32.9	26.6	16.4	33.8	28.3	28.2	28.3	28.0	31.4	17.7	28.0
True standard error	4.47	2.90	5.47		3.20	4.50	3.09	3.33	2.70	3.49	3.63	2.96	7.17	2.94	1.12
DEFT	1.23	0.85	0.91		0.59	1.42	1.05	1.16	1.24	0.79	1.30	1.30	0.90	1.11	1.25
95% Confidence interval (lower)	28.0	24.8	17.0		26.7	17.8	10.4	27.2	23.0	21.4	21.2	22.3	17.4	12.0	25.8
95% Confidence interval (upper)	45.5	36.2	38.4		39.2	35.4	22.5	40.3	33.6	35.1	35.4	33.8	45.4	23.5	30.2
% with waist-hip ratio $\geq 0.95$	30.1	33.4	25.8		37.1	27.7	21.3	34.1	29.0	30.4	31.1	24.4	35.6	24.6	28.8
True standard error	4.55	3.39	5.35		4.15	3.79	3.39	3.22	3.13	4.07	4.15	3.13	7.19	2.80	1.14
DEFT	1.31	0.96	0.91		0.75	1.18	1.04	1.12	1.42	0.90	1.44	1.44	0.88	0.94	1.27
95% Confidence interval (lower)	21.2	26.7	15.3		28.9	20.2	14.7	27.7	22.9	22.5	22.9	18.2	21.5	19.1	26.6
95% Confidence interval (upper)	39.0	40.0	36.3		45.2	35.1	28.0	40.4	35.1	38.4	39.2	30.5	49.7	30.1	31.0
<b>Women</b>															
% with waist circumference $\geq 88$ cm	41.0	37.6	35.3		43.8	43.6	40.6	39.2	35.7	43.6	44.2	32.7	38.7	41.3	38.9
True standard error	4.69	5.51	4.85		2.69	4.77	5.71	3.38	2.59	2.34	2.96	2.93	7.23	4.75	1.17
DEFT	1.51	1.56	0.79		0.48	1.27	1.38	1.18	1.14	0.51	1.01	1.29	0.85	1.37	1.24
95% Confidence interval (lower)	31.9	26.8	25.8		38.5	34.3	29.4	32.5	30.7	39.0	38.4	27.0	24.5	31.9	36.6
95% Confidence interval (upper)	50.2	48.4	44.8		49.0	53.0	51.8	45.8	40.8	48.2	50.0	38.5	52.9	50.6	41.2
% with waist-hip ratio $> 0.85$	40.4	42.2	37.5		39.1	33.4	33.0	37.4	42.3	34.2	44.5	29.0	36.7	28.9	37.1
True standard error	4.35	5.82	7.18		3.03	3.49	6.71	3.41	3.14	3.65	3.79	2.91	8.34	3.44	1.23
DEFT	1.40	1.62	1.15		0.55	0.98	1.69	1.20	1.34	0.83	1.29	1.31	0.99	1.07	1.32
95% Confidence interval (lower)	31.9	30.8	23.4		33.1	26.6	19.9	30.7	36.2	27.0	37.0	23.3	20.3	22.2	34.6
95% Confidence interval (upper)	49.0	53.6	51.5		45.0	40.3	46.2	44.1	48.5	41.3	51.9	34.7	53.1	35.7	39.5
<b>All adults</b>															
% with raised WC	39.3	34.1	31.7		38.5	34.7	27.8	36.6	32.1	36.3	36.6	30.5	35.0	29.2	33.6
True standard error	3.54	3.58	4.53		2.48	4.14	3.32	2.61	2.05	2.40	2.34	2.50	5.03	2.89	0.89
DEFT	1.49	1.45	1.05		0.63	1.67	1.28	1.28	1.30	0.74	1.13	1.55	0.86	1.28	1.37
95% Confidence interval (lower)	32.3	27.1	22.8		33.6	26.6	21.3	31.4	28.1	31.6	32.1	25.6	25.1	23.6	31.9
95% Confidence interval (upper)	46.2	41.1	40.5		43.3	42.8	34.3	41.7	36.1	41.0	41.2	35.4	44.9	34.9	35.4
% with raised WHR	36.2	37.9	31.9		38.1	30.4	26.9	35.8	35.8	32.4	38.1	26.8	36.1	26.7	33.0
True standard error	4.08	2.68	4.56		2.61	2.91	3.83	2.40	2.01	3.06	2.29	2.39	6.75	1.99	0.87
DEFT	1.75	1.06	1.05		0.66	1.21	1.49	1.19	1.24	0.97	1.10	1.54	1.15	0.91	1.33
95% Confidence interval (lower)	28.2	32.6	23.0		33.0	24.7	19.4	31.1	31.8	26.4	33.6	22.1	22.9	22.8	31.3
95% Confidence interval (upper)	44.2	43.1	40.8		43.2	36.1	34.4	40.5	39.7	38.4	42.6	31.4	49.4	30.6	34.7
<b>Bases (weighted):</b>															
<i>Men</i>	176	180	56		75	194	157	271	428	105	258	393	34	209	2537
<i>Women</i>	250	188	60		78	174	141	289	445	117	287	424	33	200	2686
<i>All adults</i>	426	368	116		153	369	298	559	873	221	545	817	67	409	5223
<b>Bases (unweighted):</b>															
<i>Men</i>	111	181	89		162	178	121	194	348	233	195	326	82	141	2361
<i>Women</i>	167	212	104		190	183	134	234	415	289	255	424	82	170	2859
<i>All adults</i>	278	393	193		352	361	255	428	763	522	450	750	164	311	5220

**Self-assessed general health and prevalence of long-standing illness, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>														
<b>Self-assessed health</b>														
Very good/good (%)	71	75	71	70	74	76	79	72	75	67	77	76	84	74
True standard error	2.97	2.68	3.56	5.14	2.54	2.44	3.02	1.83	2.47	2.09	2.26	4.36	2.44	0.81
DEFT	1.10	1.03	0.71	1.19	0.97	0.88	1.52	1.04	0.72	0.89	1.29	0.74	1.14	1.16
95% Confidence interval (lower)	65	70	64	60	69	71	73	69	70	63	72	67	79	73
95% Confidence interval (upper)	77	80	78	80	79	81	85	76	80	71	81	84	88	76
Bad/very bad (%)	13	8	5	9	7	7	5	11	6	11	5	10	5	8
True standard error	2.75	1.56	1.97	1.97	1.30	1.75	1.19	1.31	1.41	1.92	0.93	2.96	1.07	0.48
DEFT	1.40	0.99	0.86	0.74	0.86	1.04	1.11	1.08	0.72	1.23	1.02	0.73	0.83	1.10
95% Confidence interval (lower)	7	4	1	5	4	4	3	8	4	7	3	4	3	7
95% Confidence interval (upper)	18	11	8	13	9	11	7	13	9	15	7	16	7	9
Long-standing illness (%)	49	46	40	39	36	34	33	40	42	51	39	39	37	41
True standard error	4.41	3.49	3.69	2.99	2.63	1.82	3.64	2.51	3.24	4.00	3.02	3.97	4.09	1.08
DEFT	1.49	1.17	0.69	0.65	0.92	0.59	1.59	1.31	0.83	1.61	1.49	0.59	1.46	1.37
95% Confidence interval (lower)	40	40	32	33	31	30	26	35	35	43	33	31	29	38
95% Confidence interval (upper)	57	53	47	45	41	37	40	45	48	59	45	47	45	43
<b>Women</b>														
<b>Self-assessed health</b>														
Very good/good (%)	70	74	77	71	77	74	75	65	77	65	79	76	78	73
True standard error	2.58	2.53	3.41	2.36	3.20	2.21	2.29	2.12	0.94	2.26	1.63	3.83	2.44	0.74
DEFT	1.10	1.01	0.78	0.58	1.28	0.77	1.10	1.20	0.30	1.02	1.02	0.64	1.10	1.08
95% Confidence interval (lower)	65	69	70	66	71	70	70	61	75	61	76	68	74	71
95% Confidence interval (upper)	75	79	83	75	83	79	79	70	79	70	82	83	83	74
Bad/very bad (%)	9	7	2	8	7	7	5	11	6	12	6	6	8	8
True standard error	2.30	0.99	0.81	2.08	1.73	1.26	1.15	1.31	1.10	1.33	0.85	0.80	1.57	0.44
DEFT	1.58	0.71	0.57	0.85	1.12	0.75	1.13	1.14	0.61	0.89	0.93	0.23	1.06	1.07
95% Confidence interval (lower)	5	5	0	4	4	5	2	8	4	9	4	5	5	7
95% Confidence interval (upper)	14	9	4	12	11	10	7	13	8	14	7	8	11	9
Long-standing illness (%)	49	43	39	38	36	42	37	47	40	49	35	38	41	42
True standard error	3.53	3.63	4.41	3.17	2.79	1.97	3.10	2.65	2.39	3.26	2.37	1.95	2.79	0.94
DEFT	1.39	1.29	0.87	0.73	0.98	0.61	1.34	1.43	0.65	1.41	1.27	0.29	1.06	1.25
95% Confidence interval (lower)	42	36	30	31	31	39	31	42	36	43	30	34	35	40
95% Confidence interval (upper)	56	50	47	44	41	46	43	53	45	56	39	42	46	44
<b>All adults</b>														
<b>Self-assessed health</b>														
Very good/good (%)	70	74	74	70	75	75	77	69	76	66	78	76	81	74
True standard error	2.05	1.94	1.91	3.13	1.22	1.44	2.28	1.69	1.35	1.74	1.51	3.48	1.91	0.60
DEFT	1.16	1.08	0.58	1.05	0.67	0.72	1.59	1.35	0.59	1.08	1.28	0.83	1.23	1.22
95% Confidence interval (lower)	66	71	70	64	73	72	72	65	73	63	75	69	77	72
95% Confidence interval (upper)	74	78	78	76	78	78	81	72	79	69	81	83	85	75
Bad/very bad (%)	11	7	3	8	7	7	5	11	6	11	5	8	7	8
True standard error	1.92	1.11	0.99	1.46	1.21	1.20	0.94	1.14	0.74	1.17	0.67	1.61	1.00	0.37
DEFT	1.62	1.05	0.74	0.81	1.12	1.01	1.28	1.36	0.56	1.08	1.04	0.60	1.00	1.24
95% Confidence interval (lower)	7	5	1	6	5	5	3	9	5	9	4	5	5	7
95% Confidence interval (upper)	14	9	5	11	9	10	7	13	8	14	7	11	9	9
Long-standing illness (%)	49	45	39	38	36	38	35	44	41	50	37	39	39	41
True standard error	3.12	3.00	3.51	2.48	2.07	0.88	3.13	2.10	2.18	2.74	1.97	2.60	2.18	0.81
DEFT	1.62	1.46	0.95	0.78	1.02	0.39	1.93	1.57	0.82	1.61	1.44	0.55	1.13	1.48
95% Confidence interval (lower)	43	39	32	34	32	36	29	40	37	45	33	33	35	40
95% Confidence interval (upper)	55	51	46	43	40	40	41	48	45	55	41	44	43	43
<b>Bases (weighted):</b>														
Men	285	278	83	113	282	235	424	657	160	404	586	53	296	3857
Women	388	311	93	124	285	235	437	727	180	464	653	51	344	4291
All adults	673	589	176	237	567	471	861	1385	340	868	1239	104	641	8148
<b>Bases (unweighted):</b>														
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Women	281	363	171	286	283	226	404	710	409	425	605	106	269	4538
All adults	466	658	313	520	532	418	741	1267	738	737	1078	212	468	8148

**GHQ12 scores, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total
<b>Men</b>														
4 or more (%)	13	14	11	15	16	7	9	16	13	12	13		17	10 13
True standard error	2.74	2.37	2.97	2.43	2.87	1.40	1.78	1.84	1.89	1.77	1.87		2.62	2.24 0.61
DEFT	1.31	1.11	0.86	0.69	1.28	0.79	1.22	1.25	0.69	1.05	1.32		0.51	1.24 1.09
95% Confidence interval (lower)	8	9	5	11	10	5	6	12	9	9	9		12	6 12
95% Confidence interval (upper)	19	18	17	20	21	10	13	20	16	16	16		22	14 14
<b>Women</b>														
4 or more (%)	16	15	15	16	17	14	12	23	15	20	14		8	17 17
True standard error	2.27	1.47	2.90	2.20	3.65	2.46	1.44	1.73	2.64	2.54	1.60		2.20	2.70 0.66
DEFT	1.18	0.71	0.77	0.65	1.59	1.04	0.89	1.08	0.97	1.34	1.15		0.54	1.26 1.13
95% Confidence interval (lower)	11	12	10	11	10	10	10	19	10	15	11		4	12 15
95% Confidence interval (upper)	20	18	21	20	24	19	15	26	20	25	17		12	23 18
<b>All adults</b>														
4 or more (%)	15	14	13	15	16	11	11	19	14	16	13		13	14 15
True standard error	2.08	1.35	2.57	1.61	2.58	1.68	1.15	1.49	1.70	1.51	1.23		1.58	1.27 0.47
DEFT	1.47	0.91	0.99	0.66	1.61	1.12	1.05	1.36	0.88	1.18	1.24		0.47	0.90 1.15
95% Confidence interval (lower)	11	12	8	12	11	8	9	16	10	13	11		10	11 14
95% Confidence interval (upper)	19	17	18	19	21	14	13	22	17	19	16		16	16 16
<i>Bases (weighted):</i>														
Men	265	259	81	104	263	215	397	619	148	383	550		53	276 3614
Women	366	296	91	116	266	221	419	682	172	442	625		46	317 4057
All adults	631	555	172	220	529	436	816	1300	320	825	1175		99	593 7672
<i>Bases (unweighted):</i>														
Men	172	274	138	218	234	174	316	525	302	295	442		105	185 3380
Women	261	346	168	269	264	213	387	663	389	405	577		97	246 4285
All adults	433	620	306	487	498	387	703	1188	691	700	1019		202	431 7665

**Dental health, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
All own teeth (%)	56	68	66	60	68	71	69	69	63	63	74		58	70	67
True standard error	4.16	2.02	3.77	4.81	2.77	3.31	2.98	1.94	1.83	2.47	2.10		7.07	2.16	0.85
DEFT	1.41	0.72	0.72	1.04	0.99	1.12	1.32	1.07	0.48	1.03	1.16		1.05	0.81	1.12
95% Confidence interval (lower)	48	64	58	50	62	65	63	65	59	58	70		44	66	66
95% Confidence interval (upper)	64	72	73	69	73	78	75	73	67	68	78		72	74	69
<b>Frequency of dentist visits*</b>															
Every 6 months or more (%)	54	51	63	61	56	53	50	49	49	54	63		50	59	55
True standard error	4.36	3.68	5.17	4.19	3.76	4.40	3.10	2.38	4.05	4.10	2.23		4.22	4.21	1.00
DEFT	1.36	1.13	0.90	0.82	1.16	1.26	1.15	1.14	0.93	1.51	1.05		0.55	1.40	1.15
95% Confidence interval (lower)	46	44	53	53	49	44	44	44	41	46	59		42	51	53
95% Confidence interval (upper)	63	59	73	70	64	61	56	54	57	62	68		58	68	57
Never (%)	11	13	12	11	14	13	15	18	12	19	13		5	11	14
True standard error	3.51	3.12	3.75	1.86	3.83	3.40	2.26	2.19	1.55	3.12	2.42		2.11	2.59	0.83
DEFT	1.71	1.43	0.97	0.57	1.70	1.45	1.18	1.36	0.54	1.45	1.60		0.64	1.37	1.36
95% Confidence interval (lower)	5	7	5	7	6	6	10	14	9	13	9		1	6	13
95% Confidence interval (upper)	18	19	19	14	21	20	19	22	15	26	18		9	16	16
<b>Women</b>															
All own teeth (%)	59	61	65	61	63	63	61	56	57	58	72		60	65	62
True standard error	2.56	2.88	2.27	3.32	3.76	3.17	2.22	2.04	2.59	2.60	2.03		1.96	3.17	0.86
DEFT	1.02	1.04	0.46	0.76	1.31	1.01	0.95	1.11	0.70	1.13	1.15		0.28	1.24	1.15
95% Confidence interval (lower)	54	55	60	54	56	57	56	52	52	53	68		56	59	60
95% Confidence interval (upper)	64	67	69	67	71	69	65	60	62	63	76		63	72	64
<b>Frequency of dentist visits:</b>															
Every 6 months or more (%)	68	63	76	67	70	71	67	70	68	63	72		61	69	69
True standard error	4.62	3.01	4.33	2.52	3.40	3.63	2.69	2.59	2.92	2.51	1.68		5.23	4.43	0.95
DEFT	1.72	1.00	0.89	0.53	1.10	1.08	1.04	1.34	0.74	0.97	0.89		0.64	1.60	1.19
95% Confidence interval (lower)	59	57	68	62	63	64	61	64	62	58	69		51	60	67
95% Confidence interval (upper)	78	69	84	72	77	78	72	75	74	68	76		71	78	70
Never (%)	7	7	6	7	5	10	6	9	5	7	8		1	5	7
True standard error	1.76	1.59	1.09	1.90	1.53	2.47	1.53	1.46	1.05	1.74	1.34		0.98	1.96	0.51
DEFT	1.19	1.00	0.42	0.74	1.06	1.13	1.15	1.24	0.58	1.25	1.18		0.54	1.49	1.16
95% Confidence interval (lower)	4	4	3	3	2	5	3	6	3	4	5		-1	1	6
95% Confidence interval (upper)	11	10	8	11	8	14	9	11	7	11	10		3	9	8
<b>All adults</b>															
All own teeth (%)	58	64	65	60	65	67	65	62	60	60	73		59	67	64
True standard error	2.95	2.19	1.78	3.60	2.62	2.02	2.35	1.71	1.49	1.84	1.72		4.51	2.09	0.72
DEFT	1.54	1.10	0.49	1.13	1.30	0.93	1.44	1.31	0.56	1.11	1.36		0.93	1.13	1.35
95% Confidence interval (lower)	52	60	62	53	60	63	60	59	57	57	70		50	63	63
95% Confidence interval (upper)	63	69	69	67	71	71	69	65	63	64	76		68	72	66
<b>Frequency of dentist visits:</b>															
Every 6 months or more (%)	62	57	70	64	63	61	58	59	59	59	68		55	64	62
True standard error	3.56	2.98	4.51	2.93	3.14	2.93	2.29	1.96	3.01	2.76	1.36		4.33	3.60	0.78
DEFT	1.71	1.34	1.20	0.84	1.38	1.18	1.21	1.35	1.01	1.47	0.96		0.77	1.76	1.32
95% Confidence interval (lower)	55	52	61	59	57	56	54	55	53	53	65		46	57	60
95% Confidence interval (upper)	69	63	79	70	69	67	63	63	65	64	71		63	71	63
Never (%)	9	10	9	9	9	11	11	13	9	13	11		3	8	11
True standard error	2.09	2.09	1.85	1.73	2.57	2.14	1.61	1.52	1.03	1.98	1.64		1.28	1.86	0.56
DEFT	1.70	1.57	0.80	0.84	1.87	1.32	1.36	1.51	0.61	1.53	1.75		0.65	1.61	1.48
95% Confidence interval (lower)	5	6	5	5	4	7	8	10	7	9	7		1	4	10
95% Confidence interval (upper)	13	14	12	12	14	16	14	16	11	17	14		6	11	12
<b>All 16+</b>															
<i>Bases (weighted):</i>															
Men	283	276	82	113	278	234	423	651	159	404	580		53	295	3833
Women	394	310	92	124	282	235	436	724	179	462	651		51	344	4276
All adults	667	586	175	237	561	469	859	1376	338	866	1231		104	640	8109
<i>Bases (unweighted):</i>															
Men	183	293	141	234	247	191	336	553	326	312	469		106	198	3589
Women	278	362	170	286	280	226	403	707	408	424	603		106	269	4522
All adults	461	655	311	520	527	417	739	1260	734	736	1072		212	467	8111
<b>*All with teeth</b>															
<i>Bases (weighted):</i>															
Men	248	243	73	93	240	212	356	591	137	351	526		43	273	3385
Women	310	262	79	101	224	187	345	580	145	360	578		38	288	3498
All adults	558	505	152	194	464	399	701	1171	282	711	1104		81	561	6883
<i>Bases (unweighted):</i>															
Men	154	254	122	187	204	167	271	487	273	261	416		84	178	3058
Women	214	303	145	229	218	178	314	557	325	322	527		77	220	3629
All adults	368	557	267	416	422	345	585	1044	598	583	943		161	398	6687

**Annual accident rate, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
Accident rate per 100 persons	11	20	14		12	19	20	18	22	16	14	15	24	16	17
Standard error of the accident rate	3.60	3.41	4.32		2.97	3.51	5.56	3.27	1.94	2.43	2.81	1.53	8.50	2.47	0.93
DEFT	1.63	0.96	0.93		0.77	0.99	1.40	1.28	0.77	0.78	1.40	0.89	0.77	1.04	1.12
95% Confidence interval (lower)	4	13	5		7	12	9	12	18	11	8	12	7	11	15
95% Confidence interval (upper)	19	26	22		18	26	31	25	26	21	19	18	41	21	19
<b>Women</b>															
Accident rate per 100 persons	10	17	15		9	13	10	10	14	15	14	13	11	13	13
Standard error of the accident rate	1.93	3.29	4.21		1.61	1.90	1.69	1.85	1.99	2.95	1.86	2.12	4.20	2.37	0.68
DEFT	1.15	1.10	0.80		0.54	0.90	0.77	1.14	1.05	0.77	0.82	1.33	0.88	1.11	1.03
95% Confidence interval (lower)	6	10	7		5	9	6	7	10	10	11	9	3	9	12
95% Confidence interval (upper)	13	23	24		12	16	13	14	18	21	18	17	20	18	14
<b>All adults</b>															
Accident rate per 100 persons	10	18	15		10	16	15	14	18	16	14	14	18	15	15
Standard error of the accident rate	2.10	2.27	2.72		1.37	2.11	2.98	1.69	1.45	2.17	1.58	1.39	5.28	2.05	0.59
DEFT	1.57	0.98	0.77		0.57	1.02	1.31	1.12	0.93	0.87	1.03	1.19	0.86	1.29	1.12
95% Confidence interval (lower)	6	14	9		8	12	9	11	15	11	11	11	8	11	14
95% Confidence interval (upper)	15	23	20		13	20	21	17	21	20	17	17	28	19	16
<i>Bases (weighted):</i>															
<i>Men</i>	284	278	83		113	282	235	424	651	160	404	584	53	296	3847
<i>Women</i>	388	310	93		124	284	235	437	727	180	464	653	51	344	4290
<i>All adults</i>	671	588	176		237	566	471	861	1379	340	868	1236	104	641	8137
<i>Bases (unweighted):</i>															
<i>Men</i>	184	295	142		234	249	192	337	553	328	312	472	106	199	3603
<i>Women</i>	281	362	171		286	282	226	404	710	409	425	605	106	269	4536
<i>All adults</i>	465	657	313		520	531	418	741	1263	737	737	1077	212	468	8139

**Wheezing in past 12 months and doctor-diagnosed asthma prevalence, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
Whether had wheezing in last 12 months (%)	14	16	15		17	15	11	15	20	16	19	15	13	20	16
True standard error	2.24	2.14	3.36		2.64	2.32	2.60	2.54	1.97	1.82	2.76	1.99	3.11	3.03	0.72
DEFT	1.08	0.97	0.85		0.75	1.09	1.26	1.47	1.27	0.63	1.40	1.36	0.68	1.31	1.21
95% Confidence interval (lower)	10	12	9		12	11	6	10	16	12	14	11	7	14	15
95% Confidence interval (upper)	19	20	22		22	20	16	20	24	19	25	19	19	26	18
Doctor diagnosed asthma (%)	5	12	14		9	13	14	14	11	14	15	15	14	14	13
True standard error	1.75	2.55	2.12		1.59	1.96	2.34	2.07	1.37	1.95	1.59	2.42	2.76	2.36	0.70
DEFT	1.30	1.32	0.56		0.58	0.97	1.02	1.24	1.11	0.72	0.91	1.66	0.57	1.16	1.31
95% Confidence interval (lower)	2	7	10		6	9	10	10	8	10	11	10	9	10	11
95% Confidence interval (upper)	9	17	18		12	17	19	18	14	17	18	19	20	19	14
<b>Women</b>															
Whether had wheezing in last 12 months (%)	18	13	15		15	13	14	14	21	13	18	12	16	16	16
True standard error	2.50	1.68	2.34		2.34	1.50	2.02	1.68	1.33	2.03	2.00	1.29	1.67	1.79	0.54
DEFT	1.28	0.87	0.62		0.72	0.76	0.88	1.02	0.88	0.80	1.12	1.01	0.32	0.91	0.97
95% Confidence interval (lower)	13	10	11		11	10	10	10	18	9	14	10	13	12	15
95% Confidence interval (upper)	23	17	20		20	16	18	17	24	17	22	15	20	19	17
Doctor diagnosed asthma (%)	12	13	18		12	11	9	12	14	14	15	16	15	17	14
True standard error	1.99	2.23	3.50		1.42	1.79	2.56	1.92	1.15	1.56	1.89	1.52	2.63	1.91	0.55
DEFT	1.19	1.17	0.87		0.48	0.96	1.39	1.23	0.89	0.61	1.14	1.07	0.52	0.95	1.05
95% Confidence interval (lower)	8	9	11		9	8	4	8	12	11	11	13	10	13	13
95% Confidence interval (upper)	16	17	25		15	15	14	16	16	17	19	19	20	20	15
<b>All adults</b>															
Whether had wheezing in last 12 months (%)	17	15	15		16	14	13	14	20	15	19	13	14	18	16
True standard error	1.75	1.57	2.04		1.92	1.24	2.05	1.79	1.36	1.13	1.89	1.19	2.38	1.82	0.47
DEFT	1.22	1.08	0.75		0.81	0.85	1.33	1.50	1.25	0.59	1.42	1.23	0.69	1.21	1.16
95% Confidence interval (lower)	13	12	11		12	12	9	11	18	12	15	11	10	14	15
95% Confidence interval (upper)	20	18	19		20	16	17	18	23	17	22	16	19	21	17
Doctor diagnosed asthma (%)	9	12	16		11	12	12	13	13	14	15	15	15	16	13
True standard error	1.16	1.86	2.32		0.88	1.54	1.32	1.65	1.02	1.54	1.21	1.33	1.46	1.83	0.45
DEFT	1.02	1.37	0.83		0.44	1.12	0.90	1.44	1.13	0.83	1.01	1.31	0.42	1.27	1.19
95% Confidence interval (lower)	7	9	12		9	9	9	10	11	11	12	12	12	12	12
95% Confidence interval (upper)	12	16	21		13	15	14	16	15	17	17	18	18	19	14
<b>Bases (weighted):</b>															
Men	285	278	83		113	282	235	424	657	160	404	586	53	296	3857
Women	388	311	93		124	285	235	437	727	180	464	653	51	344	4291
All adults	673	589	176		237	567	471	861	1385	340	868	1238	104	641	8148
<b>Bases (unweighted):</b>															
Men	185	295	142		234	249	192	337	557	329	312	473	106	199	3610
Women	281	363	171		286	283	226	404	710	409	425	605	106	269	4538
All adults	466	658	313		520	532	418	741	1267	738	737	1078	212	468	8148

**FEV1, by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Galloway	Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>															
Mean FEV1	3.4	3.8	3.9		3.8	3.7	3.8	3.6	3.7	4.0	3.5	4.0	3.9	3.7	3.7
Standard Error of Mean	0.12	0.10	0.23		0.10	0.16	0.08	0.11	0.09	0.06	0.09	0.12	0.11	0.23	0.04
DEFT	1.61	1.25	1.25		0.83	1.72	1.00	1.44	1.65	0.57	1.41	2.03	0.63	2.33	1.74
95% Confidence interval (lower)	3.14	3.60	3.45		3.59	3.40	3.68	3.35	3.55	3.90	3.31	3.79	3.68	3.28	3.66
95% Confidence interval (upper)	3.62	3.99	4.35		3.99	4.02	3.98	3.77	3.92	4.15	3.67	4.28	4.12	4.19	3.82
<b>Women</b>															
Mean FEV1	2.5	2.7	2.9		2.8	2.7	2.7	2.6	2.6	3.0	2.5	2.9	2.8	2.4	2.6
Standard Error of Mean	0.10	0.09	0.09		0.10	0.07	0.11	0.07	0.07	0.06	0.06	0.06	0.08	0.17	0.03
DEFT	1.74	1.53	0.74		1.00	1.00	1.50	1.38	1.68	0.74	1.41	1.49	0.52	2.15	1.59
95% Confidence interval (lower)	2.28	2.56	2.72		2.60	2.56	2.51	2.41	2.42	2.84	2.33	2.73	2.64	2.09	2.59
95% Confidence interval (upper)	2.68	2.92	3.08		3.01	2.83	2.94	2.70	2.69	3.08	2.58	2.98	2.96	2.76	2.70
<b>All adults</b>															
Mean FEV1	2.9	3.2	3.4		3.3	3.2	3.3	3.0	3.1	3.5	2.9	3.4	3.3	3.1	3.2
Standard Error of Mean	0.11	0.09	0.14		0.09	0.12	0.09	0.08	0.08	0.06	0.07	0.09	0.07	0.21	0.03
DEFT	2.15	1.57	1.21		0.99	1.80	1.40	1.65	1.99	0.72	1.54	2.06	0.50	2.91	2.01
95% Confidence interval (lower)	2.63	3.06	3.15		3.13	3.00	3.13	2.88	2.95	3.36	2.80	3.25	3.20	2.68	3.11
95% Confidence interval (upper)	3.07	3.41	3.71		3.48	3.46	3.47	3.21	3.26	3.58	3.08	3.59	3.46	3.50	3.23
<i>Bases (weighted):</i>															
<i>Men</i>	171	181	53		73	190	156	268	415	104	253	386	33	205	2487
<i>Women</i>	245	205	57		71	169	145	281	467	113	289	423	33	196	2695
<i>All adults</i>	416	386	110		144	359	301	549	882	217	542	808	67	402	5182
<i>Bases (unweighted):</i>															
<i>Men</i>	108	180	85		159	173	119	193	338	230	192	318	80	138	2313
<i>Women</i>	163	232	98		174	177	138	228	436	281	257	421	84	167	2856
<i>All adults</i>	271	412	183		333	350	257	421	774	511	449	739	164	305	5169

**Blood pressure level (140/90 mmHg definition), by Health Board and sex**

	Argyll & Clyde	Ayrshire & Arran	Borders	Dumfries & Fife	Forth Valley	Grampian	Greater Glasgow	Highland	Lanarkshire	Lothian	Orkney, Shetland, Western Isles	Tayside	Total	
<b>Men</b>														
All hypertensive (%)	31.6	38.6	45.0	39.1	31.8	35.7	34.4	30.7	30.4	34.2	30.6	40.3	28.2	33.0
True standard error	4.54	3.92	6.51	5.02	4.02	5.18	3.33	3.35	3.53	3.51	3.27	3.99	4.80	1.23
DEFT	1.21	1.01	0.90	0.80	1.12	1.17	1.02	1.33	0.72	1.09	1.24	0.40	1.41	1.19
95% Confidence interval (lower)	22.7	30.9	32.2	29.3	23.9	25.5	27.8	24.2	23.5	27.3	24.2	32.5	18.8	30.5
95% Confidence interval (upper)	40.5	46.3	57.8	48.9	39.7	45.9	40.9	37.3	37.4	41.0	37.0	48.1	37.7	35.4
<b>Women</b>														
All hypertensive (%)	40.5	36.9	35.4	36.6	35.8	29.5	28.8	29.9	29.4	39.1	25.1	36.0	34.9	32.7
True standard error	4.15	2.96	5.72	3.94	3.44	2.12	2.86	2.82	3.94	3.01	2.43	5.42	4.61	1.05
DEFT	1.26	0.82	0.87	0.66	0.91	0.51	1.01	1.22	0.89	1.02	1.06	0.63	1.32	1.10
95% Confidence interval (lower)	32.3	31.2	24.2	28.9	29.1	25.3	23.2	24.3	21.7	33.2	20.4	25.4	25.9	30.7
95% Confidence interval (upper)	48.6	42.7	46.6	44.3	42.6	33.6	34.4	35.4	37.1	45.0	29.9	46.6	43.9	34.8
<b>All adults</b>														
All hypertensive (%)	36.9	37.7	39.9	37.8	33.8	32.5	31.3	30.3	29.9	36.9	27.6	37.9	31.7	32.8
True standard error	3.82	2.37	3.69	3.39	2.88	3.07	2.32	2.29	3.17	2.16	2.31	4.07	3.52	0.87
DEFT	1.54	0.90	0.75	0.78	1.11	1.01	1.09	1.34	0.97	0.99	1.33	0.62	1.43	1.24
95% Confidence interval (lower)	29.4	33.1	32.7	31.2	28.1	26.5	26.8	25.8	23.7	32.7	23.1	29.9	24.8	31.1
95% Confidence interval (upper)	44.3	42.4	47.2	44.5	39.4	38.6	35.9	34.8	36.1	41.1	32.1	45.8	38.6	34.5
<b>Bases (weighted):</b>														
Men	151	157	47	60	167	117	208	330	87	214	299	24	172	2032
Women	221	178	52	64	160	119	255	386	105	272	358	31	183	2383
All adults	372	334	99	125	326	235	464	716	192	485	657	54	355	4415
<b>Bases (unweighted):</b>														
Men	97	156	75	134	155	94	161	277	193	162	254	57	118	1933
Women	148	201	90	155	169	112	207	360	260	244	358	78	156	2538
All adults	245	357	165	289	324	206	368	637	453	406	612	135	274	4471

Notes:

All hypertensive =

Hypertensive controlled: SBP <140mmHg and DBP <90mmHg and taking medicine prescribed for high blood pressure

Hypertensive uncontrolled: SBP ≥140mmHg or DBP ≥90mmHg and taking medicine prescribed for high blood pressure

Hypertensive untreated: SBP ≥140mmHg or DBP ≥90mmHg and not taking medicine prescribed for high blood pressure