

Sister Study Baseline and Incident Non-Cancerous Conditions: Data Release 9.1 ¹

Condition	Baseline ²	Unknown Timing ³	Incident
	N (%)	N (%)	N (%)
Cardio- and Cerebrovascular Conditions ⁴			
Heart attack	629 (1.2)	174 (0.3)	894 (1.8)
Heart failure	353 (0.7)	176 (0.3)	848 (1.7)
Angina	1,320 (2.6)	625 (1.2)	714 (1.4)
Stroke	403 (0.8)	126 (0.2)	1,188 (2.3)
Transient ischemic attack/ mini-stroke	950 (1.9)	577 (1.1)	1,247 (2.5)
Metabolic			
Diabetes	3,068 (6.0) ⁵	882 (1.7) ⁵	3,534 (6.9) ⁵
Hypertension	14,442 (28.4) ⁶	2,169 (4.3)	8,596 (16.9) ⁶
High cholesterol ⁷	17,460 (34.3) ⁸	879 (1.7) ⁸	4,935 (9.7) ⁸
Thyroid Disease ⁹			
Hyperthyroidism	2,475 (4.9) ¹⁰	0 (0.0) ¹⁰	1,205 (2.4) ¹⁰
Hypothyroidism	9,133 (17.9) ¹¹	0 (0.0) ¹¹	4,831 (9.5) ¹¹
Non-toxic goiter/nodules	3,868 (7.6) ¹²	0 (0.0) ¹²	4,073 (8.0) ¹²
Other/unknown	305 (0.6) ¹³	0 (0.0) ¹³	389 (0.8) ¹³
Bone Disease ¹⁴			
Osteoporosis	578 (1.1)	2,466 (4.8)	3,697 (7.3)
Osteopenia	7,199 (14.1)	2,905 (5.7)	5,756 (11.3)
Osteoporosis or osteopenia	3,972 (7.8)	657 (1.3)	951 (1.9)
Reproductive ¹⁵			
Endometriosis	6,859 (13.5)	1,786 (3.5)	429 (0.8)
Uterine fibroids	15,091 (29.7)	3,310 (6.5)	1,797 (3.5)
Other			
Asthma	7,200 (14.2)	1,588 (3.1) ¹⁶	1,893 (3.7) ¹⁶
Colon or rectum polyps/benign neoplasms	8,726 (17.1)	5,283 (10.4)	8,231 (16.2)
Cataracts	4,668 (9.2)	2,930 (5.8)	13,264 (26.1)
Depression ¹⁷	10,967 (21.6)	5,555 (10.9)	2,731 (5.4)
Parkinson's disease	43 (0.1)	46 (0.1)	283 (0.6)

¹ Data release 9.1 includes events from follow-up phases that closed on or before 9/30/2019, excluding all data from participants who have withdrawn their data from the study (n=3).

² Includes all reports of conditions occurring at or prior to baseline

³ Unknown if diagnosis at or prior to baseline vs. post-baseline (i.e. incident case)

⁴ Other reported conditions that have not systematically been asked about include other acute ischemic heart disease (baseline: n=7, unknown timing: n=12, incident: n=215), chronic ischemic heart disease (baseline: n=13, unknown timing: n=104, incident: n=554), and transient global amnesia (baseline: n=1, unknown timing: n=2, incident: n=30).

⁵ Includes reports of borderline or Type 2 Diabetes (baseline: n=3, incident: n=4) and reports of borderline or non-specific diabetes (baseline: n=190, unknown timing: n=107, incident: n=374).

⁶ Includes reports of hypertension that are possibly borderline (baseline: n=154, incident: n=11).

⁷ Asked directly only at baseline and then not until the fourth detailed follow-up questionnaire. Additional incident diagnoses are from help desk reports and open-ended questions on follow-ups [i.e. responses to "Any other health conditions? (Please specify)"]

⁸ Includes reports of borderline or high cholesterol (baseline: n=5, unknown timing: n=209, incident: n=120).

- ⁹ Participants may have more than one type of thyroid condition. Reports of thyroid disease after thyroid cancer diagnoses are not included.
- ¹⁰ Hyperthyroidism was originally reported as unknown timing for n=688; reports were imputed as baseline for n=369 and as incident for n=319.
- ¹¹ Hypothyroidism was reported as unknown timing for n=1,693; reports were imputed as baseline for n=737 and as incident for n=956.
- ¹² Non-toxic goiter/thyroid nodules was reported as unknown timing for n=1,486; reports were imputed as baseline for n=235 and as incident for n=1,251.
- ¹³ Other/unknown thyroid disease was reported as unknown timing for n=171; reports were imputed as baseline for n=8 and as incident for n=163.
- ¹⁴ At baseline, participants were asked about “osteoporosis or osteopenia”. For all follow-ups, osteoporosis and osteopenia are asked separately. For many participants, these diagnoses could not be separated and are classified as “osteoporosis or osteopenia”.
- ¹⁵ Other reported condition that has not systematically been asked about includes adenomyosis (n=2 baseline, n=2 unknown timing, and n=25 incident)
- ¹⁶ Includes those who reported asthma symptoms at baseline (unknown timing: n = 236, incident: n=29).
- ¹⁷ Depression questions asked differently in baseline versus follow-ups. Baseline question: Has a doctor or physician ever told you that you have clinical depression? Follow-up question: Has a doctor or physician ever told you that you have depression?