

SUPPLEMENTARY DATA

Supplementary Table 1a. Site-specific cancer SIRs in men and women (combined) with type 1 and type 2 diabetes compared to the general population; comparing the two different definitions of diabetes

Site-specific cancer	Type 1 diabetes						Type 2 diabetes					
	Correct DM definition*			Incorrect DM definition			Correct DM definition*			Incorrect DM definition		
	N	SIR	95% CI	N	SIR	95% CI	N	SIR	95% CI	N	SIR	95% CI
all	2079	1.06	(1.02 — 1.11)	1704	1.05	(1.00 — 1.10)	70406	1.13	(1.12 — 1.14)	68722	1.12	(1.11 — 1.13)
aml leukemia	15	0.88	(0.53 — 1.47)	13	0.92	(0.53 — 1.58)	641	1.36	(1.26 — 1.47)	633	1.37	(1.27 — 1.48)
anal	9	1.36	(0.71 — 2.61)	7	1.27	(0.60 — 2.66)	130	0.79	(0.66 — 0.93)	127	0.78	(0.66 — 0.93)
bladder	34	1.49	(1.06 — 2.08)	24	1.36	(0.91 — 2.03)	1990	1.26	(1.21 — 1.32)	1952	1.27	(1.21 — 1.32)
bowel	237	1.21	(1.06 — 1.37)	196	1.24	(1.08 — 1.43)	10848	1.18	(1.15 — 1.20)	10611	1.17	(1.15 — 1.20)
brain	51	1.34	(1.02 — 1.76)	42	1.30	(0.96 — 1.76)	783	0.99	(0.92 — 1.06)	766	0.98	(0.92 — 1.06)
cm leukemia	12	1.65	(0.94 — 2.90)	10	1.63	(0.88 — 3.03)	233	1.63	(1.44 — 1.86)	226	1.62	(1.42 — 1.84)
gallbladder	6	0.81	(0.36 — 1.80)	5	0.84	(0.35 — 2.02)	622	1.54	(1.43 — 1.67)	604	1.53	(1.41 — 1.66)
h lymphoma	14	0.75	(0.44 — 1.27)	12	0.73	(0.42 — 1.29)	188	1.38	(1.20 — 1.60)	186	1.39	(1.21 — 1.61)
kidney	70	1.35	(1.07 — 1.71)	58	1.35	(1.05 — 1.75)	2440	1.58	(1.52 — 1.64)	2379	1.57	(1.51 — 1.64)
liver	53	2.76	(2.11 — 3.62)	42	2.68	(1.98 — 3.63)	2145	2.96	(2.84 — 3.09)	2082	2.93	(2.81 — 3.06)
lung	145	1.22	(1.04 — 1.44)	113	1.21	(1.01 — 1.45)	7652	1.08	(1.06 — 1.11)	7430	1.07	(1.05 — 1.10)
melanoma	271	0.92	(0.81 — 1.03)	240	0.96	(0.85 — 1.09)	5325	0.96	(0.93 — 0.98)	5230	0.96	(0.93 — 0.98)
myeloma	18	0.99	(0.62 — 1.56)	18	1.22	(0.77 — 1.93)	1013	1.19	(1.12 — 1.27)	994	1.20	(1.12 — 1.27)
nh lymphoma	100	1.22	(1.00 — 1.48)	77	1.12	(0.90 — 1.40)	2845	1.20	(1.15 — 1.24)	2769	1.19	(1.14 — 1.23)
oesophagus	30	1.75	(1.23 — 2.51)	22	1.60	(1.05 — 2.43)	1103	1.33	(1.25 — 1.41)	1072	1.32	(1.24 — 1.40)
pancreas	67	2.48	(1.95 — 3.15)	50	2.32	(1.76 — 3.06)	3404	2.37	(2.29 — 2.45)	3251	2.31	(2.23 — 2.39)
stomach	40	1.37	(1.01 — 1.87)	31	1.32	(0.97 — 1.87)	1605	1.20	(1.14 — 1.25)	1571	1.19	(1.14 — 1.25)
thyroid	84	1.38	(1.11 — 1.71)	69	1.34	(1.06 — 1.70)	710	1.26	(1.17 — 1.35)	698	1.26	(1.17 — 1.35)

*These are the results as they appear in the current published paper.

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Supplementary Table 2a. Site-specific cancer SIRs in men and women with type 1 and type 2 diabetes compared to the general population; comparing the two different definitions of diabetes

Site-specific cancer	Type 1 diabetes										Type 2 diabetes									
	Correct DM definition*					Incorrect DM definition					Correct DM definition*					Incorrect DM definition				
	N	SIR	95% CI			N	SIR	95% CI			N	SIR	95% CI			N	SIR	95% CI		
Men																				
all	1037	1.02	(0.96	—	1.09)	820	0.99	(0.93	—	1.06)	43937	1.08	(1.07	—	1.09)	42874	1.07	(1.06	—	1.08)
oesophagus	23	1.63	(1.08	—	2.45)	16	1.40	(0.86	—	2.29)	899	1.42	(1.33	—	1.52)	873	1.41	(1.32	—	1.51)
stomach	21	1.04	(0.68	—	1.60)	14	0.87	(0.51	—	1.46)	1157	1.17	(1.11	—	1.24)	1132	1.17	(1.11	—	1.24)
gallbladder	4	0.99	(0.37	—	2.64)	3	0.93	(0.30	—	2.89)	314	1.52	(1.36	—	1.69)	303	1.49	(1.33	—	1.67)
bowel	130	1.09	(0.92	—	1.29)	102	1.07	(0.88	—	1.30)	6942	1.18	(1.15	—	1.21)	6791	1.18	(1.15	—	1.21)
anal	5	1.60	(0.67	—	3.84)	3	1.16	(0.38	—	3.61)	63	0.73	(0.57	—	0.93)	61	0.72	(0.56	—	0.92)
liver	41	2.67	(1.96	—	3.62)	33	2.63	(1.87	—	3.70)	1665	2.94	(2.81	—	3.09)	1617	2.92	(2.78	—	3.06)
pancreas	47	2.67	(2.01	—	3.56)	33	2.35	(1.67	—	3.30)	2009	2.30	(2.20	—	2.41)	1926	2.25	(2.16	—	2.36)
lung	88	1.16	(0.94	—	1.43)	67	1.15	(0.90	—	1.46)	5334	1.07	(1.04	—	1.10)	5184	1.06	(1.03	—	1.09)
melanoma	154	0.95	(0.81	—	1.12)	128	0.94	(0.79	—	1.12)	3573	0.96	(0.93	—	0.99)	3506	0.96	(0.93	—	0.99)
prostate	127	0.57	(0.48	—	0.68)	100	0.58	(0.47	—	0.70)	11536	0.87	(0.86	—	0.89)	11324	0.87	(0.86	—	0.89)
testicular	24	0.72	(0.48	—	1.08)	21	0.73	(0.47	—	1.12)	79	0.94	(0.75	—	1.17)	78	0.94	(0.75	—	1.17)
kidney	47	1.30	(0.98	—	1.73)	38	1.27	(0.92	—	1.75)	1668	1.52	(1.45	—	1.59)	1624	1.51	(1.44	—	1.58)
bladder	26	1.41	(0.96	—	2.07)	19	1.34	(0.86	—	2.10)	1619	1.27	(1.21	—	1.33)	1588	1.27	(1.21	—	1.33)
brain	26	1.08	(0.74	—	1.59)	25	1.23	(0.83	—	1.82)	517	1.01	(0.93	—	1.10)	502	1.00	(0.92	—	1.09)
thyroid	21	1.47	(0.96	—	2.25)	18	1.49	(0.94	—	2.36)	239	1.24	(1.09	—	1.41)	231	1.22	(1.07	—	1.39)
hlymphoma	12	1.16	(0.66	—	2.04)	10	1.10	(0.59	—	2.04)	112	1.34	(1.11	—	1.61)	111	1.35	(1.12	—	1.62)
nhlymphoma	62	1.23	(0.96	—	1.57)	45	1.07	(0.80	—	1.43)	1685	1.16	(1.10	—	1.21)	1635	1.15	(0.80	—	1.43)
myeloma	16	1.37	(0.84	—	2.24)	16	1.70	(1.04	—	2.77)	613	1.13	(1.04	—	1.22)	602	1.13	(1.05	—	1.23)
amleukemia	7	0.75	(0.36	—	1.57)	6	0.77	(0.35	—	1.72)	421	1.37	(1.24	—	1.50)	417	1.38	(1.26	—	1.52)
cmleukemia	8	1.76	(0.88	—	3.52)	7	1.83	(0.87	—	3.84)	152	1.61	(1.38	—	1.89)	148	1.60	(1.36	—	1.88)
Women																				
all	1042	1.10	(1.04	—	1.17)	884	1.21	(1.20	—	1.23)	26469	1.22	(1.20	—	1.23)	25848	1.21	(1.20	—	1.23)
oesophagus	7	2.34	(1.12	—	4.91)	6	2.54	(1.14	—	5.66)	204	1.03	(0.90	—	1.18)	199	1.03	(0.90	—	1.18)
stomach	19	2.11	(1.34	—	3.30)	17	2.31	(1.43	—	3.71)	448	1.25	(1.14	—	1.38)	439	1.26	(1.14	—	1.38)
gallbladder	2	0.59	(0.15	—	2.36)	2	0.74	(0.18	—	1.76)	308	1.58	(1.41	—	1.76)	301	1.57	(1.41	—	1.76)

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bowel	107	1.39	(1.15	—	1.68)	94	1.50	(1.22	—	1.83)	3906	1.16	(1.13	—	1.20)	3820	1.16	(1.13	—	1.20)
anal	4	1.14	(0.43	—	3.06)	4	1.36	(0.51	—	3.62)	67	0.85	(0.67	—	1.08)	66	0.86	(0.67	—	1.09)
liver	12	3.15	(1.79	—	5.55)	9	2.88	(1.50	—	5.54)	480	3.02	(2.76	—	3.30)	465	2.98	(2.72	—	3.27)
pancreas	20	2.12	(1.37	—	3.29)	17	2.27	(1.41	—	3.66)	1395	2.46	(2.34	—	2.60)	1325	2.39	(2.26	—	2.52)
lung	57	1.32	(1.02	—	1.71)	46	1.31	(0.98	—	1.75)	2318	1.11	(1.07	—	1.16)	2246	1.10	(1.06	—	1.15)
melanoma	117	0.88	(0.73	—	1.05)	112	0.99	(0.82	—	1.19)	1752	0.95	(0.91	—	0.99)	1724	0.95	(0.91	—	1.00)
breast - post	166	0.98	(0.84	—	1.14)	139	0.96	(0.81	—	1.14)	6278	1.13	(1.11	—	1.16)	6134	1.13	(1.10	—	1.16)
uterine	55	1.47	(1.13	—	1.91)	50	1.58	(1.20	—	2.09)	1796	1.75	(1.67	—	1.83)	1764	1.76	(1.68	—	1.84)
ovarian	38	1.38	(1.01	—	1.90)	32	1.38	(0.98	—	1.95)	792	1.23	(1.15	—	1.32)	771	1.22	(1.14	—	1.31)
cervical	20	0.65	(0.42	—	1.00)	19	0.72	(0.46	—	1.14)	315	1.18	(1.06	—	1.32)	308	1.17	(1.05	—	1.31)
kidney	23	1.48	(0.98	—	2.23)	20	1.54	(0.99	—	2.39)	772	1.73	(1.62	—	1.86)	755	1.73	(1.61	—	1.86)
bladder	8	1.81	(0.90	—	3.62)	5	1.45	(0.60	—	3.47)	371	1.24	(1.12	—	1.37)	364	1.24	(1.12	—	1.38)
brain	25	1.77	(1.20	—	2.63)	17	1.43	(0.89	—	2.29)	266	0.94	(0.84	—	1.06)	264	0.95	(0.85	—	1.08)
thyroid	63	1.35	(1.06	—	1.73)	51	1.29	(0.98	—	1.70)	471	1.27	(1.16	—	1.39)	467	1.27	(1.16	—	1.39)
hlymphoma	2	0.24	(0.06	—	0.96)	2	0.28	(0.07	—	1.10)	76	1.46	(1.17	—	1.83)	75	1.46	(1.17	—	1.83)
nhlymphoma	38	1.20	(0.87	—	1.65)	32	1.21	(0.85	—	1.71)	1160	1.26	(1.19	—	1.33)	1134	1.25	(1.18	—	1.33)
myeloma	2	0.30	(0.08	—	1.21)	2	0.37	(0.09	—	1.49)	400	1.31	(1.19	—	1.44)	392	1.31	(1.19	—	1.45)
amleukemia	8	1.05	(0.53	—	2.11)	7	1.09	(0.52	—	2.29)	220	1.34	(1.18	—	1.53)	216	1.35	(1.18	—	1.54)
cmleukemia	4	1.46	(0.55	—	3.89)	3	1.30	(1.32	—	2.05)	81	1.68	(1.35	—	2.08)	78	1.64	(1.32	—	2.05)

*These are the results as they appear in the current published paper.