

Table S2: Cancer incidence and cancer mortality by site, in 22 trials of statin vs. control and 5 trials of more vs. less statin

	Statin vs. control (22 trials)						More vs. Less statin (5 trials)					
	Cancer incidence			Cancer mortality			Cancer incidence			Cancer mortality		
	Statin (n=67258)	Control (n=67279)	Nominal p value	Statin (n=67258)	Control (n=67279)	Nominal p value	More (n=19829)	Less (n=19783)	Nominal p value	More (n=19829)	Less (n=19783)	Nominal p value
Total follow-up (person years)	268847	267933		274479	273707		90734	90830		93456	93439	
Site of Cancer												
Gastrointestinal	926	923	0.99	395	380	0.68	288	322	0.18	108	127	0.24
Lip, mouth or pharynx	49	52	0.82	8	13	0.38	19	14	0.49	2	2	1.00
Oesophageal	61	62	0.97	33	39	0.54	20	21	1.00	12	16	0.57
Stomach	92	100	0.61	50	45	0.71	26	24	0.89	14	9	0.40
Large bowel or intestine	445	448	0.89	124	134	0.54	104	119	0.35	24	31	0.41
Liver	35	33	0.93	24	24	1.00	7	18	0.05	4	8	0.39
Gall bladder or bile-ducts	19	21	0.86	17	14	0.74	7	9	0.80	5	6	1.00
Pancreas	84	74	0.49	66	52	0.25	22	22	1.00	16	19	0.74
Other gastrointestinal	141	133	0.72	73	59	0.27	83	95	0.41	31	36	0.63
Genitourinary	1164	1180	0.66	145	168	0.19	480	496	0.65	77	70	0.62
Prostate	671	685	0.64	65	76	0.38	252	269	0.49	39	31	0.40
Penis/Scrotum	72	58	0.28	4	3	1.00	68	65	0.85	0	0	n/a
Uterus	51	46	0.68	6	8	0.78	6	14	0.12	1	0	1.00
Ovarian	29	30	1.00	10	12	0.83	6	6	1.00	4	4	1.00
Other genitourinary	12	13	0.99	2	1	0.99	5	1	0.22	3	1	0.62
Bladder	211	228	0.41	34	41	0.46	104	103	0.99	15	23	0.25
Kidney	118	120	0.91	24	27	0.75	39	38	1.00	15	11	0.55
Respiratory	614	628	0.65	404	430	0.34	231	219	0.60	149	154	0.82
Trachea/Lung	562	559	1.00	384	405	0.43	147	146	1.00	78	90	0.40
Other respiratory	52	69	0.13	20	25	0.52	84	73	0.42	71	64	0.60
Female breast	200	190	0.67	18	12	0.36	73	54	0.11	6	5	0.99
Haematological	218	219	0.94	78	84	0.66	95	82	0.36	40	36	0.72
Melanoma	104	103	1.00	13	13	1.00	56	42	0.19	4	6	0.75
Other/unspecified	529	495	0.34	312	271	0.11	243	257	0.58	63	83	0.11
Neurological	53	41	0.27	43	33	0.32	14	16	0.86	12	12	1.00
Other known site	190	164	0.18	89	65	0.06	29	35	0.53	5	16	0.03
Unspecified	286	290	0.83	180	173	0.81	200	206	0.83	46	55	0.42
All cancer	3755	3738	0.99	1365	1358	0.99	1466	1472	0.96	447	481	0.28

ICD-9 cancer codes: Gastrointestinal (140-159); Lip, mouth or pharynx (140-149); Oesophageal (150); Stomach (151); Large bowel or intestine (152-154); Liver (155); Gall bladder or bile-ducts (156); Pancreas (157); Other gastrointestinal (158,159); Genitourinary (179-189); Prostate (185); Penis/Scrotum (187); Uterus (179,180,182); Ovarian (183); Other genitourinary (181,184,186); Bladder (188); Kidney (189); Respiratory (160-163,165); Trachea/Lung (162); Other respiratory (160,161,163,165); Female breast (174); Haematological (200-208); Melanoma (172); Other/unspecified ([Neurological (191,192); Other known site (164,170,171,175,176,190,193-195); Unspecified (196-199, 209)]); All cancer (140-209 excluding 173). If the ICD9 cause of death was 173 or 210-239 then both cancer incidence and cancer death was coded as unknown cancer.