

Supplemental Table 6: Frequencies of allergy/autoimmune conditions by Study:

	Study										Total	
	NCI		NIOSH		AHS		ATBC		PLCO			
	N	PctN	N	PctN	N	PctN	N	PctN	N	PctN	N	PctN
Any allergy												
N/A	15	2.12	2	0.24	.	.	.	.	435	44.03	452	11.61
No	457	64.64	741	88.32	44	83.02	1068	81.71	495	50.10	2805	72.03
Yes	235	33.24	96	11.44	9	16.98	239	18.29	58	5.87	637	16.36
Personal history of asthma												
N/A	.	.	.	.	.	.	.	.	328	33.20	328	8.42
Unknown	12	1.70	2	0.24	.	.	.	.	107	10.83	121	3.11
No	619	87.55	741	88.32	47	88.68	1271	97.25	495	50.10	3173	81.48
Yes	76	10.75	96	11.44	6	11.32	36	2.75	58	5.87	272	6.99
Personal history of eczema												
N/A	.	.	.	.	10	18.87	.	.	988	100.00	998	25.63
Unknown	11	1.56	2	0.24	.	.	.	.	.	.	13	0.33
No	655	92.64	741	88.32	42	79.25	1210	92.58	.	.	2648	68.00
Yes	41	5.80	96	11.44	1	1.89	97	7.42	.	.	235	6.03
Personal history of hay fever												
N/A	.	.	.	.	10	18.87	19	1.45	988	100.00	1017	26.12
Unknown	12	1.70	2	0.24	.	.	.	.	.	.	14	0.36
No	609	86.14	741	88.32	41	77.36	1170	89.52	.	.	2561	65.77
Yes	86	12.16	96	11.44	2	3.77	118	9.03	.	.	302	7.76
Any Autoimmune												
N/A	19	2.69	.	.	3	5.66	.	.	242	24.49	264	6.78
No	583	82.46	801	95.47	41	77.36	1200	91.81	637	64.47	3262	83.77
Yes	105	14.85	38	4.53	9	16.98	107	8.19	109	11.03	368	9.45
Personal history of rheumatoid arthritis												
N/A	.	.	839	100.00	10	18.87	.	.	.	.	849	21.80
Unknown	16	2.26	.	.	.	.	.	.	274	27.73	290	7.45
No	648	91.65	.	.	40	75.47	1269	97.09	684	69.23	2641	67.82

Yes	43	6.08	.	.	3	5.66	38	2.91	30	3.04	114	2.93
Personal history of diabetes												
Unknown	10	1.41	.	.	1	1.89	.	.	29	2.94	40	1.03
No	647	91.51	801	95.47	50	94.34	1264	96.71	902	91.30	3664	94.09
Yes	50	7.07	38	4.53	2	3.77	43	3,29	57	5.77	190	4.88
Total	707	100.00	839	100.00	53	100.00	1307	100.00	988	100.00	3894	100.00

N/A = Not applicable

NCI=National Cancer Institute glioma case-control study.

NIOSH=National Institute of Occupational Safety and Health glioma case-control study.

PLCO= Glioma cases and controls identified from the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial.

ATBC= Glioma cases and controls identified from the Alpha-Tocopherol, Beta-Carotene Cancer Prevention Study.

AHS= Glioma cases and controls identified from the Agricultural Health Study.