

Table 3: Case Description – histologic distribution by study site:

ICD Morphology Description	Study											
	NCI		NIOSH		AHS		ATBC		PLCO		Total	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Astrocytoma, Anaplastic	51	14.53	19	6.23	1	5.56	.	0.00	5	3.57	76	8.93
Astrocytoma, NOS	10	5.41	26	8.52	.	0.00	2	5.41	7	5.00	54	6.35
Desmoplastic Medulloblastoma	.	0.00	2	0.66	.	0.00	.	0.00	.	0.00	2	0.24
Ependymoma, Anaplastic	2	0.57	1	0.33	.	0.00	.	0.00	.	0.00	3	0.35
Ependymoma, NOS	7	1.99	3	0.98	.	0.00	1	2.70	.	0.00	11	1.29
Fibrillary Astrocytoma	3	0.85	12	3.93	1	5.56	.	0.00	5	3.57	21	2.47
Ganglioglioma	10	2.85	.	0.00	.	0.00	.	0.00	.	0.00	10	1.18
Gemistocytic Astrocytoma	1	0.28	4	1.31	.	0.00	.	0.00	.	0.00	5	0.59
Giant Cell Glioblastoma	3	0.85	3	0.98	.	0.00	.	0.00	.	0.00	6	0.71
Glioblastoma, NOS	166	47.29	138	45.25	12	66.67	5	13.51	82	58.57	403	47.36
Glioma, NOS	.	0.00	.	0.00	.	0.00	10	27.03	26	18.57	36	4.23
Gliomatosis Cerebri	.	0.00	1	0.33	.	0.00	.	0.00	.	0.00	1	0.12
Gliosarcoma	2	0.57	1	0.33	.	0.00	1	2.70	5	3.57	9	1.06
Malignant Glioma	12	3.42	7	2.30	.	0.00	16	43.24	4	2.86	39	4.58
Medulloblastoma, NOS	4	1.14	5	1.64	1	5.56	.	0.00	.	0.00	10	1.18
Mixed Glioma	21	5.98	16	5.25	.	0.00	1	2.70	1	0.71	39	4.58
Neoplasm, Benign	.	0.00	.	0.00	.	0.00	.	0.00	1	0.71	1	0.12
Neuroblastoma	1	0.28	.	0.00	.	0.00	.	0.00	.	0.00	1	0.12
Neurocytoma	2	0.57	.	0.00	.	0.00	.	0.00	.	0.00	2	0.24
Neuroepithelioma	1	0.28	.	0.00	.	0.00	.	0.00	.	0.00	1	0.12
Oligodendroglioma, Anaplastic	7	1.99	4	1.31	.	0.00	.	0.00	1	0.71	12	1.41
Oligodendroglioma, NOS	31	8.83	43	14.10	3	16.67	1	2.70	2	1.43	80	9.40
Pilocytic Astrocytoma	4	1.14	17	5.57	.	0.00	.	0.00	1	0.71	22	2.59
Pleomorphic Xanthoastrocytoma	.	0.00	1	0.33	.	0.00	.	0.00	.	0.00	1	0.12
Primitive Neuroectodermal Tumor	1	0.28	1	0.33	.	0.00	.	0.00	.	0.00	2	0.24
Subependymal Glioma	3	0.85	1	0.33	.	0.00	.	0.00	.	0.00	4	0.47
Total	351	100	305	100	18	100	37	100	140	100	851	100

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.