

Country	Tumour Main and Subcategory	Incidence Rate	95% CI
All brain tumors; All			
Al Sheyyab, 2003	Jordan	All brain tumors; All	1.88 [1.56; 2.27]
Ligant, 2000	Estonia	All brain tumors; All	9.00 [8.56; 9.46]
Makino, 2010	Japan	All brain tumors; All	3.61 [3.15; 4.13]
D'Alessandro, 1995	Italy	All brain tumors; All	25.95 [25.04; 26.90]
Davis, 2001	USA	All brain tumors; All	13.80 [13.50; 14.10]
Dobec-Meic, 2006	Croatia	All brain tumors; All	12.10 [10.31; 14.21]
Kuratsu, 2001	Japan	All brain tumors; All	10.97 [9.59; 12.55]
Pobereskin, 2000	England	All brain tumors; All	21.04 [17.23; 25.69]
Porter, 2010	USA	All brain tumors; All	18.10 [17.80; 18.40]
Wohrer, 2009	Austria	All brain tumors; All	18.10 [17.37; 18.86]
Pooled Totals		10.82 [8.63; 13.56]	
<i>Heterogeneity: I-squared=99.7%, Q=2624.9, df=9, p<0.0001</i>			
All brain tumors; Malignant			
Davis, 2001	USA	All brain tumors; Malignant	7.20 [6.96; 7.45]
Porter, 2010	USA	All brain tumors; Malignant	7.20 [7.05; 7.35]
Wohrer, 2009	Austria	All brain tumors; Malignant	8.80 [8.31; 9.32]
Pooled Totals		7.67 [6.98; 8.42]	
<i>Heterogeneity: I-squared=95.4%, Q=43.6, df=2, p<0.0001</i>			
All brain tumors; Nonepithelial			
Dobec-Meic, 2006	Croatia	All brain tumors; Nonepithelial	5.50 [4.34; 6.97]
Pooled Totals		5.50 [4.34; 6.97]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
All brain tumors; Nonmalignant			
Davis, 2001	USA	All brain tumors; Nonmalignant	5.80 [5.60; 6.00]
Porter, 2010	USA	All brain tumors; Nonmalignant	10.90 [10.70; 11.10]
Wohrer, 2009	Austria	All brain tumors; Nonmalignant	7.40 [6.97; 7.86]
Pooled Totals		7.76 [4.94; 12.20]	
<i>Heterogeneity: I-squared=99.8%, Q=1061.9, df=2, p<0.0001</i>			
All brain tumors; NOS			
Ligant, 2000	Estonia	All brain tumors; NOS	1.75 [1.56; 1.96]
Wohrer, 2009	Austria	All brain tumors; NOS	1.78 [1.56; 2.03]
Pooled Totals		1.76 [1.62; 1.92]	
<i>Heterogeneity: I-squared=0%, Q=0, df=1, p=0.8463</i>			
All brain tumors; Pediatric – malignant			
Davis, 2001	USA	All brain tumors; Pediatric – malignant	3.40 [3.11; 3.71]
Pooled Totals		3.40 [3.11; 3.71]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
All brain tumors; Pediatric – NOS			
Davis, 2001	USA	All brain tumors; Pediatric – NOS	4.30 [3.97; 4.66]
Pooled Totals		4.30 [3.97; 4.66]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
All brain tumors; Uncertain if malignant			
Wohrer, 2009	Austria	All brain tumors; Uncertain if malignant	2.00 [1.76; 2.28]
Pooled Totals		2.00 [1.76; 2.28]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Choroid plexus tumors; All			
Lacour, 2010	France	Choroid plexus tumors; All	0.10 [0.08; 0.13]
Wohrer, 2009	Austria	Choroid plexus tumors; All	0.05 [0.02; 0.12]
Lee, 2010	Korea	Choroid plexus tumors; All	0.03 [0.02; 0.05]
Pooled Totals		0.06 [0.02; 0.13]	
<i>Heterogeneity: I-squared=88.4%, Q=17.3, df=2, p=0.0002</i>			
CNS lymphoma; All			
Dobec-Meic, 2006	Croatia	CNS lymphoma; All	0.30 [0.09; 0.95]
Kuratsu, 2001	Japan	CNS lymphoma; All	0.29 [0.09; 0.94]
Wohrer, 2009	Austria	CNS lymphoma; All	0.48 [0.37; 0.62]
Elia-Pasquet, 2004	France	CNS lymphoma; All	1.70 [1.07; 2.70]
Pooled Totals		0.57 [0.24; 1.35]	
<i>Heterogeneity: I-squared=88.1%, Q=25.2, df=3, p<0.0001</i>			
Germ cell tumors; All			
Kuratsu, 2001	Japan	Germ cell tumors; All	0.20 [0.15; 0.27]
Makino, 2010	Japan	Germ cell tumors; All	0.50 [0.33; 0.76]
Wohrer, 2009	Austria	Germ cell tumors; All	0.09 [0.04; 0.19]
Pooled Totals		0.22 [0.09; 0.50]	
<i>Heterogeneity: I-squared=90.1%, Q=20.1, df=2, p<0.0001</i>			
Gliomas; All			
Al Sheyyab, 2003	Jordan	Gliomas; All	0.18 [0.10; 0.33]
Ligant, 2000	Estonia	Gliomas; All	3.81 [3.53; 4.11]
Porter, 2010	USA	Gliomas; All	6.00 [5.85; 6.15]
Elia-Pasquet, 2004	France	Gliomas; All	14.07 [11.98; 16.52]
Pooled Totals		3.38 [2.04; 5.60]	
<i>Heterogeneity: I-squared=99.2%, Q=239.6, df=3, p<0.0001</i>			
Gliomas; Ependymoma			
Al Sheyyab, 2003	Jordan	Gliomas; Ependymoma	0.12 [0.06; 0.25]
Ligant, 2000	Estonia	Gliomas; Ependymoma	0.15 [0.10; 0.22]
Makino, 2010	Japan	Gliomas; Ependymoma	0.15 [0.08; 0.28]
Dobec-Meic, 2006	Croatia	Gliomas; Ependymoma	0.30 [0.09; 0.95]
Wohrer, 2009	Austria	Gliomas; Ependymoma	0.57 [0.44; 0.73]
Pooled Totals		0.22 [0.10; 0.47]	
<i>Heterogeneity: I-squared=91.3%, Q=46.2, df=4, p<0.0001</i>			
Gliomas; Grade I – Pilocytic astrocytoma			
Wohrer, 2009	Austria	Gliomas; Grade I – Pilocytic astrocytoma	0.57 [0.43; 0.75]
Elia-Pasquet, 2004	France	Gliomas; Grade I – Pilocytic astrocytoma	0.38 [0.14; 1.01]
Pooled Totals		0.55 [0.42; 0.72]	
<i>Heterogeneity: I-squared=0%, Q=0.6, df=1, p=0.4286</i>			
Gliomas; Grade II – Ependymoma			
Wohrer, 2009	Austria	Gliomas; Grade II – Ependymoma	0.29 [0.21; 0.41]
Pooled Totals		0.29 [0.21; 0.41]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Gliomas; Grade III – Astrocytoma			
Ligant, 2000	Estonia	Gliomas; Grade III – Astrocytoma	0.46 [0.37; 0.57]
Dobec-Meic, 2006	Croatia	Gliomas; Grade III – Astrocytoma	0.50 [0.21; 1.17]
Wohrer, 2009	Austria	Gliomas; Grade III – Astrocytoma	0.44 [0.33; 0.58]
Pooled Totals		0.45 [0.38; 0.54]	
<i>Heterogeneity: I-squared=0%, Q=0.1, df=2, p=0.9464</i>			
Gliomas; Grade III – Not specified			
Elia-Pasquet, 2004	France	Gliomas; Grade III – Not specified	0.66 [0.32; 1.39]
Pooled Totals		0.66 [0.32; 1.39]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Gliomas; Grade III – Oligoastrocytomas grade			
Dobec-Meic, 2006	Croatia	Gliomas; Grade III – Oligoastrocytomas grade	0.20 [0.04; 1.10]
Pooled Totals		0.20 [0.04; 1.10]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p<0.0001</i>			
Gliomas; Grade III – Oligodendroglioma			
Dobec-Meic, 2006	Croatia	Gliomas; Grade III – Oligodendroglioma	0.30 [0.09; 0.95]
Pooled Totals		0.30 [0.09; 0.95]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p<0.0001</i>			
Gliomas; Grade III and IV – Not specified			
Kuratsu, 2001	Japan	Gliomas; Grade III and IV – Not specified	1.56 [1.06; 2.29]
Pooled Totals		1.56 [1.06; 2.29]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p<0.0001</i>			
Gliomas; Grade IV – Glioblastoma			
Ligant, 2000	Estonia	Gliomas; Grade IV – Glioblastoma	1.95 [1.75; 2.17]
Dobec-Meic, 2006	Croatia	Gliomas; Grade IV – Glioblastoma	4.80 [3.71; 6.21]
Wohrer, 2009	Austria	Gliomas; Grade IV – Glioblastoma	3.40 [3.10; 3.73]
Elia-Pasquet, 2004	France	Gliomas; Grade IV – Glioblastoma	10.67 [8.87; 12.83]
Pooled Totals		4.27 [2.26; 8.09]	
<i>Heterogeneity: I-squared=98.8%, Q=257.1, df=3, p<0.0001</i>			
Gliomas; Grade NOS – Astrocytoma			
Al Sheyyab, 2003	Jordan	Gliomas; Grade NOS – Astrocytoma	1.06 [0.83; 1.36]
Ligant, 2000	Estonia	Gliomas; Grade NOS – Astrocytoma	0.76 [0.65; 0.89]
Makino, 2010	Japan	Gliomas; Grade NOS – Astrocytoma	1.32 [1.05; 1.66]
Dobec-Meic, 2006	Croatia	Gliomas; Grade NOS – Astrocytoma	0.30 [0.09; 0.95]
Kuratsu, 2001	Japan	Gliomas; Grade NOS – Astrocytoma	0.57 [0.29; 1.13]
Wohrer, 2009	Austria	Gliomas; Grade NOS – Astrocytoma	5.33 [4.94; 5.76]
Pooled Totals		1.05 [0.40; 2.75]	
<i>Heterogeneity: I-squared=99.2%, Q=652.2, df=5, p<0.0001</i>			
Gliomas; Grade NOS – Oligoastrocytoma			
Wohrer, 2009	Austria	Gliomas; Grade NOS – Oligoastrocytoma	0.27 [0.19; 0.39]
Pooled Totals		0.27 [0.19; 0.39]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Gliomas; Grade NOS – Oligodendroglioma			
Ligant, 2000	Estonia	Gliomas; Grade NOS – Oligodendroglioma	0.25 [0.18; 0.34]
Dobec-Meic, 2006	Croatia	Gliomas; Grade NOS – Oligodendroglioma	0.20 [0.05; 0.75]
Wohrer, 2009	Austria	Gliomas; Grade NOS – Oligodendroglioma	0.70 [0.56; 0.88]
Pooled Totals		0.36 [0.15; 0.87]	
<i>Heterogeneity: I-squared=93.4%, Q=30.5, df=2, p<0.0001</i>			
Hemangioblastomas; All			
Elia-Pasquet, 2004	France	Hemangioblastomas; All	0.66 [0.32; 1.39]
Pooled Totals		0.66 [0.32; 1.39]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Medullo/PNETs; All			
Al Sheyyab, 2003	Jordan	Medullo/PNETs; All	0.50 [0.35; 0.72]
Pekmezovic, 2009	Serbia	Medullo/PNETs; All	0.60 [0.41; 0.89]
Wohrer, 2009	Austria	Medullo/PNETs; All	0.25 [0.16; 0.38]
Pooled Totals		0.42 [0.26; 0.70]	
<i>Heterogeneity: I-squared=79.7%, Q=9.9, df=2, p=0.0072</i>			
Medullo/PNETs; Medulloblastoma			
Alston, 2003	England	Medullo/PNETs; Medulloblastoma	0.36 [0.25; 0.51]
Kaatsch, 1995	Germany	Medullo/PNETs; Medulloblastoma	0.50 [0.46; 0.54]
Kuratsu, 2001	Japan	Medullo/PNETs; Medulloblastoma	0.07 [0.04; 0.13]
Lacour, 2010	France	Medullo/PNETs; Medulloblastoma	0.56 [0.50; 0.62]
Ligant, 2000	Estonia	Medullo/PNETs; Medulloblastoma	0.26 [0.19; 0.35]
Makino, 2010	Japan	Medullo/PNETs; Medulloblastoma	0.37 [0.24; 0.57]
Giordana, 1999	Italy	Medullo/PNETs; Medulloblastoma	0.05 [0.03; 0.10]
Lee, 2010	Korea	Medullo/PNETs; Medulloblastoma	0.15 [0.12; 0.19]
Pooled Totals		0.23 [0.16; 0.35]	
<i>Heterogeneity: I-squared=96.7%, Q=212.9, df=7, p<0.0001</i>			
Medullo/PNETs; Medulloepithelioma			
Lacour, 2010	France	Medullo/PNETs; Medulloepithelioma	0.00 [0.00; 0.00]
Pooled Totals		0.00 [0.00; 0.00]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Medullo/PNETs; PNETs			
Kaatsch, 2001	Germany	Medullo/PNETs; PNETs	0.70 [0.65; 0.75]
Lacour, 2010	France	Medullo/PNETs; PNETs	0.11 [0.09; 0.14]
Peris-Bonet, 2006	Europe	Medullo/PNETs; PNETs	6.50 [6.25; 6.76]
Pooled Totals		0.80 [0.12; 5.39]	
<i>Heterogeneity: I-squared=99.9%, Q=3870.9, df=2, p<0.0001</i>			
Meningioma; All			
Ligant, 2000	Estonia	Meningioma; All	1.71 [1.53; 1.92]
Makino, 2010	Japan	Meningioma; All	0.06 [0.02; 0.16]
Davis, 2001	USA	Meningioma; All	3.70 [3.55; 3.86]
Dobec-Meic, 2006	Croatia	Meningioma; All	3.10 [2.24; 4.28]
Kuratsu, 2001	Japan	Meningioma; All	3.40 [2.64; 4.38]
Pobereskin, 2000	England	Meningioma; All	3.99 [2.67; 5.96]
Porter, 2010	USA	Meningioma; All	6.00 [5.85; 6.15]
Wohrer, 2009	Austria	Meningioma; All	5.23 [4.85; 5.63]
Christensen, 2003	Denmark	Meningioma; All	2.14 [2.04; 2.24]
Pooled Totals		2.64 [1.85; 3.75]	
<i>Heterogeneity: I-squared=99.6%, Q=1874.5, df=8, p<0.0001</i>			
Meningioma; Atypical			
Wohrer, 2009	Austria	Meningioma; Atypical	0.58 [0.46; 0.73]
Pooled Totals		0.58 [0.46; 0.73]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Meningioma; Malignant			
Wohrer, 2009	Austria	Meningioma; Malignant	0.26 [0.18; 0.37]
Pooled Totals		0.26 [0.18; 0.37]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Nerve sheath tumors; Cranial Nerve			
Pobereskin, 2000	England	Nerve sheath tumors; Cranial Nerve	2.38 [1.38; 4.10]
Wohrer, 2009	Austria	Nerve sheath tumors; Cranial Nerve	1.36 [1.17; 1.58]
Pooled Totals		1.69 [0.99; 2.88]	
<i>Heterogeneity: I-squared=73.6%, Q=3.8, df=1, p=0.0516</i>			
Nerve sheath tumors; Schwannoma			
Ligant, 2000	Estonia	Nerve sheath tumors; Schwannoma	0.35 [0.27; 0.45]
Dobec-Meic, 2006	Croatia	Nerve sheath tumors; Schwannoma	0.60 [0.30; 1.20]
Kuratsu, 2001	Japan	Nerve sheath tumors; Schwannoma	1.08 [0.68; 1.72]
Wohrer, 2009	Austria	Nerve sheath tumors; Schwannoma	1.24 [1.06; 1.46]
Pooled Totals		0.73 [0.34; 1.65]	
<i>Heterogeneity: I-squared=95.7%, Q=69.4, df=3, p<0.0001</i>			
Nerve sheath tumors; Schwannoma – vestibular			
Frohlich, 1993	Canada	Nerve sheath tumors; Schwannoma – vestibular	1.27 [1.00; 1.61]
Pooled Totals		1.27 [1.00; 1.61]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Others; Haematopoetic system tumors			
Wohrer, 2009	Austria	Others; Haematopoetic system tumors	0.57 [0.45; 0.72]
Pooled Totals		0.57 [0.45; 0.72]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Others; Mesenchymal, non meningoepithelial tumors			
Wohrer, 2009	Austria	Others; Mesenchymal, non meningoepithelial tumors	0.08 [0.04; 0.16]
Pooled Totals		0.08 [0.04; 0.16]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Others; Neuroepithelial tumors			
Davis, 2001	USA	Others; Neuroepithelial tumors	6.50 [6.26; 6.75]
Dobec-Meic, 2006	Croatia	Others; Neuroepithelial tumors	6.70 [5.47; 8.26]
Pobereskin, 2000	England	Others; Neuroepithelial tumors	9.83 [7.34; 13.12]
Wohrer, 2009	Austria	Others; Neuroepithelial tumors	7.26 [6.79; 7.76]
Pooled Totals		7.09 [6.36; 7.91]	
<i>Heterogeneity: I-squared=79.6%, Q=14.7, df=3, p=0.0021</i>			
Others; Neuronal and mixed neuronal glial tumors			
Wohrer, 2009	Austria	Others; Neuronal and mixed neuronal glial tumors	0.29 [0.20; 0.42]
Pooled Totals		0.29 [0.20; 0.42]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Pineal tumors; All			
Al Sheyyab, 2003	Jordan	Pineal tumors; All	0.02 [0.00; 0.14]
Kaatsch, 2001	Germany	Pineal tumors; All	0.02 [0.00; 0.14]
Pooled Totals		0.02 [0.00; 0.14]	
<i>Heterogeneity: I-squared=Na%^s, Q=0, df=0, p=1</i>			
Pineal tumors; Parenchymal			
Lacour, 2010	France	Pineal tumors; Parenchymal	0.02 [0.01; 0.04]
Wohrer, 2009	Austria	Pineal tumors; Parenchymal	0.07 [0.03; 0.16]
Lee, 2010	Korea	Pineal tumors; Parenchymal	0.01 [0.01; 0.03]
Pooled Totals		0.03 [0.01; 0.06]	
<i>Heterogeneity: I-squared=79.7%, Q=9.8, df=2, p=0.0073</i>			
Sellar tumors; Adenoma – pituitary			
Ligant, 2000	Estonia	Sellar tumors; Adenoma – pituitary	0.43 [0.34; 0.54]
Makino, 2010	Japan	Sellar tumors; Adenoma – pituitary	0.13 [0.07; 0.26]
Dobec-Meic, 2006	Croatia	Sellar tumors; Adenoma – pituitary	0.80 [0.41; 1.55]
Kuratsu, 2001	Japan	Sellar tumors; Adenoma – pituitary	2.06 [1.50; 2.83]
Wohrer, 2009	Austria	Sellar tumors; Adenoma – pituitary	1.63 [1.42; 1.88]
Lee, 2010	Korea	Sellar tumors; Adenoma – pituitary	1.62 [1.51; 1.74]
Pooled Totals		0.86 [0.53; 1.40]	
<i>Heterogeneity: I-squared=97.1%, Q=174.6, df=5, p<0.0001</i>			
Sellar tumors; All			
Pobereskin, 2000	England	Sellar tumors; All	3.99 [2.55; 6.23]
Wohrer, 2009	Austria	Sellar tumors; All	1.81 [1.59; 2.07]
Lacour, 2010	France	Sellar tumors; All	0.19 [0.15; 0.22]
Lee, 2010	Korea	Sellar tumors; All	1.85 [1.74; 1.98]
Pooled Totals		1.24 [