

Table S1. Cancer ICD-O-3 Codes

Cancer site	ICD.O-3 code
Breast	C50.0 to 50.9
Skin	C44.2 to C 44.9
Gastro-intestinal	C15.0 to C15.9
	C16.0 to C16.9
	Liver C22.0, C22.1 Biliary C23.9, C24.0, C24.1, C24.8, C24.9 Pancreas C25.0 to C25.9
	Small bowel C17.0 to C17.9 Colon C18.0 to C18.9 Rectum C19.9, C20.9 Anal: C21
Genito-urinary	C64.9, C65.9, C66.9, C67*, C68*
	C67.0 to C67.9
	C61
	C74.0, C74.1, C74.9
	C60 C62
Gynecologic	Vagina C52.9 Cervix C53.0, C53.1, C53.8, C53.9 Uterus C54.0, C54.1, C54.2, C54.3, C54.8, C54.9, C55.9 Ovaries C56.9, C57.0, C57.1, C57.2, C57.3, C57.4 Others C57.7, C57.8, C57.9
	Vulva C51.0, 51.1, C51.2, C51.8, C51.9
Broncho-pulmonary	C30.0 to 34.9, C38.1 to 39.9
Head and Neck	Oropharynx C10.0, C10.1, C10.2, C10.3, C10.4, C10.8, C10.9 Tongue C01.9, C02.0, C02.1, C02.2, C02.3, C02.4, C02.8, C02.9 Gum C03.0, C03.1, C03.9 Floor of Mouth C04.0, C04.1, C04.8, C04.9 Palate C05.0, C05.1, C05.2, C05.8, C05.9 Other Parts of Mouth C06.0, C06.1, C06.2, C06.8, C06.9 Parotid Gland C07.9 Salivary Glands C08.0, C08.1, C08.8, C08.9 Tonsil C09.0, C09.1, 09.8, C09.9 Nasopharynx C11.0, C11.1, C11.2, C11.3, C11.8, C11.9 Pyriform Sinus C12.9 Other Sites in lip, oral cavity, and pharynx C14.0 (pharynx), C14.2 (Waldeyer ring), C14.8 (overlap lesion of lip, oral cavity, and pharynx) Other ill-defined head, face or neck C76.0 Oral Cavity C06.9, C14.8 Larynx C32.0, C32.1, C32.3, C32.8, C32.9 Hypopharynx C13.0, C13.1, C13.2, C13.8, C13.9 Lip C00.0, C00.1, C00.2, C00.3, C00.4, C00.5, C00.6, C00.8, C00.9, C14.8, C44.0
Hematopoietic and Lymphoma	C42, C42.0, C42.1, C42.2, C42.3, C42.4
CNS	C71, C72, C70

Cancer site	ICD.O-3 code
PNS	C47
Endocrine	C73, C74, C75
Lung	(C34*), or (any topography code with Histology codes 90503, 90513, 90523, 90533)
Ophthalmologic	C69
Sarcoma (Bone)	<p>Pseudosarcomatous Carcinoma C34, C37</p> <p>Squamous Cell Carcinoma, Sarcomatoid C15 (Esophagus); C00-C06, C09-C10, C14 (Lip, Oral Cavity and Oropharynx); C13, C32, C33 (Hypopharynx, Larynx and Trachea); C44 (Skin); C60 (Penis); C30-C31 (Nasal cavity and Sinuses)</p> <p>Transitional Cell Carcinoma, Sarcomatoid C65-68</p> <p>Hepatocellular Carcinoma, Sarcomatoid C22.0</p> <p>Renal Cell Carcinoma, Spindle Cell C64, C64.9</p> <p>Granulosa Cell Tumor, Sarcomatoid C56.9; C62-C63 (Testis/Male genital organs); C56 (Ovary)</p> <p>Sertoli-Leydig Cell Tumor, Sarcomatoid C56</p> <p>Glomoid Sarcoma C75.4-C75.5</p> <p>Sarcoma NOS C49 (Connective, subcutaneous and other soft tissues); C34 (Bronchus and lung)</p> <p>Epithelioid Sarcoma C51 (Vulva)</p> <p>Undifferentiated Sarcoma C53 (Cervix uteri); C52 (Vagina)</p> <p>Fibrosarcoma, NOS C70, C71, C72 (Tumours of the central nervous system); C40-C41 (Bone)</p> <p>Liposarcoma, NOS C50 (Breast); C37 (Thymus); C38.1-C38.3 (Mediastinum); C61 (Prostate gland)</p> <p>Leiomyosarcoma, NOS C16 (Stomach); C54, C54.1 (Corpus uteri); C65-C68 (Urinary system: Renal pelvis, ureter, bladder, urethra); C57 (Fallopian tube and Uterine ligaments); C64, C64.9 (Kidney); C22 (Liver and intrahepatic bile ducts); C23-C24 (Gallbladder and extrahepatic biliary tract); C18-C20 (Colon and rectum); C17 (Small intestine)</p> <p>Carcinosarcoma, NOS C07-C08 (Salivary glands)</p> <p>Hemangiosarcoma C73 (Thyroid gland); C74 (Adrenal gland)</p> <p>Ewing Sarcoma C25 (Pancreas)</p> <p>Malignant Peripheral Nerve Sheath Tumor C47 (Peripheral nerves and autonomic nervous system)</p> <p>Hodgkin Sarcoma C42 and C77 (Tumours of hematopoietic and lymphoid tissues)</p> <p>Follicular Dendritic Cell Sarcoma C11 (Nasopharynx)</p> <p>Myeloid Sarcoma C69 (Eye and adnexa)</p>
Sarcoma (soft tissue)	Same as sarcoma bone