

Liver**C22.0, C22.1**

C22.0 Liver

C22.1 Intrahepatic bile duct

Note 1: For C22.0, the Liver schema only includes M-8000-8157, 8162-8175, 8190-9136, 9141-9582, 9700-9701. For cholangiocarcinoma (M-8160, 8161, 8180), see BileDuctsIntraHepatic schema.

Note 2: For C22.1, the Liver schema only includes M-8170-8175. For other histologies, see BileDuctsIntraHepatic schema.

Note 3: The AJCC 7th edition staging of liver cancer includes only hepatocellular carcinoma (M-8170-8175).

Liver**CS Tumor Size**

See Standard Table

Liver**CS Extension**

Note 1: In codes 390, 400, and 440, "multiple (satellite) nodules/tumors" includes satellitosis, multifocal tumors, and intrahepatic metastases.

Note 2: Major vascular invasion (code 630) is defined as invasion of the branches of the main portal vein (right or left portal vein, not including sectoral or segmental branches) or as invasion of one or more of the three hepatic veins (right, middle, or left). Invasion of hepatic artery or vena cava is coded to 660.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
100	Single lesion (one lobe) WITHOUT intrahepatic vascular invasion, including vascular invasion not stated	T1	T1	L	L
150	More than one lobe involved by contiguous growth (single lesion) WITHOUT vascular invasion, including vascular invasion not stated	T1	T1	RE	RE
170	Confined to liver, NOS Localized, NOS	T1	T1	L	L
200	OBSOLETE DATA CONVERTED V0200 See code 350	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
200 cont'd	Single lesion (one lobe) WITH intrahepatic vascular invasion	ERROR	ERROR	ERROR	ERROR
250	Single lesion WITH involvement of one or more lobes of liver or extension within liver not stated, WITH extension to gallbladder WITHOUT vascular invasion, including vascular invasion not stated	T1	T1	RE	RE
270	Stated as T1 with no other information on extension	T1	T1	L	L
300	OBSOLETE DATA CONVERTED V0200 See code 390 Multiple (satellite) nodules/tumors (one lobe) WITHOUT intrahepatic vascular invasion, including vascular invasion not stated	ERROR	ERROR	ERROR	ERROR
350	Single lesion (one lobe) WITH intrahepatic vascular invasion	T2	T2	L	L
370	More than one lobe involved by contiguous growth (single lesion) WITH vascular invasion	T2	T2	RE	RE
380	Single lesion WITH involvement of one or more lobes of liver or extension within liver not stated WITH extension to gallbladder WITH intrahepatic vascular invasion	T2	T2	RE	RE
390	Multiple (satellite) nodules/tumors (one lobe)	^	*	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
390 cont'd	WITHOUT intrahepatic vascular invasion, including vascular invasion not stated	^	*	L	L
400	Multiple (satellite) nodules/tumors (one lobe) WITH intrahepatic vascular invasion	^	*	L	L
420	Multiple (satellite) nodules/tumors (one lobe) WITH extension to gallbladder WITH or WITHOUT intrahepatic vascular invasion	^	*	RE	RE
440	Multiple (satellite) nodules/tumors in more than one lobe of liver or on surface of parenchyma Satellite nodules, NOS	^	*	D	RE
460	Stated as T2 with no other information on extension	T2	T2	L	L
500	OBSOLETE DATA CONVERTED V0200 See code 170 Confined to liver, NOS Localized, NOS	ERROR	ERROR	ERROR	ERROR
510	OBSOLETE DATA CONVERTED V0200 See code 150 More than one lobe involved by contiguous growth (single lesion) WITHOUT vascular invasion, including vascular invasion not stated	ERROR	ERROR	ERROR	ERROR
520	OBSOLETE DATA CONVERTED	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
520 cont'd	V0200 See code 370 More than one lobe involved by contiguous growth (single lesion) WITH vascular invasion	ERROR	ERROR	ERROR	ERROR
530	OBSOLETE DATA CONVERTED V0200 See code 250 Extension to gallbladder, extent within liver not stated	ERROR	ERROR	ERROR	ERROR
540	OBSOLETE DATA CONVERTED V0200 See code 250 Extension to gallbladder (530) + [(100) or 510]	ERROR	ERROR	ERROR	ERROR
550	OBSOLETE DATA CONVERTED V0200 See code 380 Extension to gallbladder (530) + [(200) or (520)]	ERROR	ERROR	ERROR	ERROR
560	OBSOLETE DATA CONVERTED V0200 See code 420 Extension to gallbladder (530) + [(300) or (400)]	ERROR	ERROR	ERROR	ERROR
580	OBSOLETE DATA CONVERTED V0200 See code 645 Extrahepatic bile ducts	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
600	Stated as T3a with no other information regarding extension	T3a	T3	RE	RE
630	Single or multiple tumor(s) WITH major vascular invasion: major branch(es) of portal or hepatic vein(s) (see Note 2)	T3b	T3	RE	RE
635	630 + 440 (Single or multiple tumor(s) with major vascular invasion: major branch(es) of portal or hepatic vein(s) + Multiple nodules/tumors in more than one lobe of liver or on surface of parenchyma	T3b	T3	D	RE
638	Stated as T3b with no other information on extension	T3b	T3	RE	RE
640	Direct extension/perforation of visceral peritoneum	T4	T4	RE	RE
645	Extrahepatic bile ducts	T4	T4	RE	RE
650	OBSOLETE DATA CONVERTED V0200 See code 440 Multiple (satellite) nodules/tumors in more than one lobe of liver or on surface of parenchyma Satellite nodules, NOS	ERROR	ERROR	ERROR	ERROR
660	Extension to hepatic artery or vena cava	T4	T4	RE	RE
670	OBSOLETE DATA CONVERTED V0200 See code 635 (630)+(650)	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
700	Diaphragm	T4	T4	RE	RE
750	Lesser omentum Ligament(s): Coronary Falciform Hepatoduodenal Hepatogastric Round [of liver] Triangular Perforation of visceral peritoneum Parietal peritoneum	T4	T4	RE	RE
760	OBSOLETE DATA CONVERTED V0200 See code 770 [(650) or (670)] + any of [(640) or (660) or (700) or (750)]	ERROR	ERROR	ERROR	ERROR
770	(640, 645, 660, 700, or 750) + (440 or 635) (Any extension coded in (640, 645, 660, 700, or 750) + Multiple tumors/nodules in more than one lobe of liver or on surface of parenchyma	T4	T4	D	RE
800	Further contiguous extension: Pancreas Pleura Stomach Other contiguous extension	T4	T4	D	D
805	No evidence of primary tumor	T4	T4	RE	RE
950	No evidence of primary tumor	T0	T0	U	U
999	Unknown extension	TX	TX	U	U

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
999 cont'd	Primary tumor cannot be assessed Not documented in patient record	TX	TX	U	U

* For Extension codes 390, 400, 420, and 440 ONLY, the T category for AJCC 6th Edition is assigned based on the value of CS Tumor Size, as shown in the Extension Size Table AJCC 6 for this site.

^ For Extension codes 390, 400, 420, and 440 ONLY, the T category for AJCC 7th Edition is assigned based on the value of CS Tumor Size, as shown in the Extension Size Table AJCC 7 for this site.

Liver

CS Tumor Size/Ext Eval

See Standard Table

Liver

CS Lymph Nodes

Note 1: Code only regional nodes and nodes, NOS, in this field. Distant nodes are coded in the field Mets at DX.

Note 2: Inferior phrenic nodes were reclassified from distant to regional nodes in AJCC 7th ed. They are now coded in CS Lymph Nodes.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
000	None; no regional lymph node involvement	N0	N0	NONE	NONE
100	Regional lymph nodes: Hepatic NOS: Hepatic artery Hepatic pedicle Inferior vena cava Porta hepatis (hilar) [in hilus of liver] Hepatoduodenal ligament Periportal Portal vein Regional lymph node(s), NOS	N1	N1	RN	RN
200	Inferior phrenic nodes	N1	*	D	D
300	(100) + (200)	N1	*	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
800	Lymph nodes, NOS Stated as N1 [NOS]	N1	N1	RN	RN
999	Unknown; not stated Regional lymph node(s) cannot be assessed Not documented in patient record	NX	NX	U	U

* For codes 200 and 300 the N and M categories for AJCC 6th Edition are assigned based on the coding of this field and CS Mets at DX as shown in the Lymph Nodes Mets at DX Table AJCC 6.

Liver

Reg LN Pos

Note: Record this field even if there has been preoperative treatment.

See Standard Table

Liver

Reg LN Exam

See Standard Table

Liver

CS Mets at DX

Note: Inferior phrenic nodes were reclassified from distant to regional nodes in AJCC 7th Edition. They are now coded in CS Lymph Nodes.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
00	No; none	M0	M0	NONE	NONE
10	Distant lymph node(s), NOS	M1	M1	D	D
11	Distant lymph nodes: Cardiac Lateral (aortic) (lumbar) Pericardial (pericardiac) Posterior mediastinal (tracheoesophageal) including juxtaphrenic nodes Retroperitoneal, NOS	M1	M1	RN	D
12	Distant lymph nodes:	M1	M1	RN	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
12 cont'd	Coronary artery Renal artery	M1	M1	RN	D
13	Distant lymph node(s): Aortic (para-, peri-) Diaphragmatic, NOS Peripancreatic (near head of pancreas only)	M1	M1	D	D
15	OBSOLETE DATA RETAINED V0200 Inferior phrenic nodes reclassified from distant to regional nodes in AJCC 7th Edition; See Code 16 or CS Lymph Node code 200 Distant lymph node(s) other than codes 10-13, including inferior phrenic nodes	ERROR	M1	D	D
16	Distant lymph node(s) other than codes 10-13	M1	M1	D	D
40	Distant metastasis except distant lymph node(s) (codes 10-16) Carcinomatosis	M1	M1	D	D
50	OBSOLETE DATA RETAINED V0200 Inferior phrenic nodes reclassified from distant to regional nodes in AJCC 7th Edition; See Code 51 40 + any of (10 or 11 or 15) Distant lymph node(s) plus other distant metastases	ERROR	M1	D	D
51	40 + (10 or 11 or 16) Distant lymph node(s) plus other distant metastases	M1	M1	D	D
52	40 + (12 or 13) Distant lymph node(s) plus other	M1	M1	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
52 cont'd	distant metastases	M1	M1	D	D
60	Distant metastasis, NOS Stated as M1, NOS	M1	M1	D	D
99	Unknown if distant metastasis Primary tumor cannot be assessed Not documented in patient record	M0	MX	U	U