

## Gallbladder, Other Biliary, and Biliary, NOS (C23.9, C24.8, C24.9)

### A. Summary Stage Rule Changes

1. Invasion of/through serosa.  
*Localized (SS1977) to Regional Extension (SS2000)*
2. Involvement in pericholedochal (common bile duct) nodes, periduodenal nodes, peripancreatic (near head of pancreas only) nodes, or porta hepatis (portal) (hilar) [in hilus of liver].  
*Distant (SS1977) to Regional Lymph Node (SS2000)*
3. Involvement in cystic artery/vein, hepatic artery, or portal vein.  
*Regional (SS1977) to Distant (SS2000)*

### B. Stage Shift

<u>Stage</u>	<u>SS 1977</u>	<u>SS 2000</u>
Localized	17.8%	12.4%
Regional-Ext	21.9%	27.4%
Regional-Node	2.5%	1.2%
Reg-Ext + Node	5.2%	6.6%
Distant	43.6%	43.6%
Unknown	8.8%	8.8%
Total	100.0%	100.0%

In the SS 1977 column, a bracket groups Regional-Ext (21.9%), Regional-Node (2.5%), and Reg-Ext + Node (5.2%) with a total of 29.6%.  
 In the SS 2000 column, a bracket groups Regional-Ext (27.4%), Regional-Node (1.2%), and Reg-Ext + Node (6.6%) with a total of 35.2%.

### Data Interpretation

Summary Stage 2000 is not entirely compatible with Summary Stage 1977 codes. The change in rules results in cases shifting from local to some regional subcodes in SS2000.

Indirect Coding to Summary Stage 1977 and Summary Stage 2000 based on Extent of Disease Codes  
SEER Program Data, 1998-2001, Gall Bladder, Other Biliary, and Biliary NOS

**ss1977**

**ss2000**

	0: In Situ	1: Localized	2: Regional	3: Reg LN	4: Reg + LN	5: Reg, nos	7: Distant	9: Unknown	Total
1: Localized		239	106	0	0	0	0	0	345
2: Regional		0	424	0	0	0	0	0	424
3: Reg LN		0	0	23	26	0	0	0	49
4: Reg + LN		0	0	0	101	0	0	0	101
5: Reg, nos		0	0	0	0	0	0	0	0
7: Distant		0	0	0	0	0	843	0	843
9: Unknown		0	0	0	0	0	0	171	171
Total		239	530	23	127	0	843	171	1933

Proportion:	0: In Situ	1: Localized	2: Regional	3: Reg LN	4: Reg + LN	5: Reg, nos	7: Distant	9: Unknown	Total
1: Localized		0.123642	0.054837	0	0	0	0	0	0.178479
2: Regional		0	0.219348	0	0	0	0	0	0.219348
3: Reg LN		0	0	0.011899	0.013451	0	0	0	0.025349
4: Reg + LN		0	0	0	0.05225	0	0	0	0.05225
5: Reg, nos		0	0	0	0	0	0	0	0
7: Distant		0	0	0	0	0	0.43611	0	0.43611
9: Unknown		0	0	0	0	0	0	0.088464	0.088464
Total		0.123642	0.274185	0.011899	0.065701	0	0.43611	0.088464	1

$p_0$  0.931712364

$p_e$  0.283961494

K 0.904631336

