

Esophagus (C 15)

1 Summary Stage Rule Changes

1. Cervical esophagus (C15.0), involving scalene (inferior deep cervical) lymph nodes.
Distant (SS1977) to Regional Lymph Node (SS2000)
2. Cervical esophagus (C15.0), involving supraclavicular (transverse cervical) lymph node.
Distant (SS1977) to Regional Lymph Node (SS2000)
3. Thoracic/middle esophagus (C15.1, C15.4) involving pericardial lymph nodes.
Regional Lymph Node (SS1977) to Distant (SS2000)

2 Stage Shift

The changes in 2000 summary stage scheme are minimal for esophageal cancer and have very little impact in stage shift.

<u>Stage</u>	<u>SS 1977</u>		<u>SS 2000</u>
Localized	25.1%		25.1%
Regional-Ext	12.1%	} 27.8%	12.1%
Regional-Node	4.9%		4.9%
Reg-Ext + Node	10.8%		10.6%
Distant	28.2%		27.9%
Unknown	19.2%		19.3%
Total	100.0%		100.0%

C. Data Interpretation

The distribution of summary stage 1977 and summary stage 2000 codes is very similar. However, individual cases may be classified differently according to the two systems, and thus for some uses, this impact should be reviewed for comparability.

Indirect Coding to Summary Stage 1977 and Summary Stage 2000 based on Extent of Disease Codes
SEER Program Data, 1998-2001, Esophagus

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		1589	0	0	0	0	0	0	1589
2: Regional		0	764	0	0	0	0	0	764
3: Reg LN		0	0	307	0	0	0	0	307
4: Reg + LN		0	0	0	669	0	0	0	669
5:Reg, nos		0	0	0	0	0	0	0	0
7: Distant		0	0	4	11	0	1762	6	1783
9: Unknown		0	0	0	0	0	0	1213	1213
Total		1589	764	311	680	0	1762	1219	6325

Proportion:	0: In Situ	1: Localized	2: Regional	3: Reg LN	4: Reg + LN	5: Reg, nos	7: Distant	9: Unknown	Total
1: Localized		0.251225	0	0	0	0	0	0	0.251225
2: Regional		0	0.120791	0	0	0	0	0	0.120791
3: Reg LN		0	0	0.048538	0	0	0	0	0.048538
4: Reg + LN		0	0	0	0.105771	0	0	0	0.105771
5:Reg, nos		0	0	0	0	0	0	0	0
7: Distant		0	0	0.000632	0.001739	0	0.278577	0.000949	0.281897
9: Unknown		0	0	0	0	0	0	0.191779	0.191779
Total		0.251225	0.120791	0.04917	0.10751	0	0.278577	0.192727	1

p0 0.99668
pe 0.20695
K 0.99581

