

Lung and Bronchus (C 34.0-C34.3, C34.8-C34.9)

A. Summary Stage Rule Changes

1. Extension to:
 aorta
 brachial plexus from superior sulcus
 chest (thoracic) wall
 diaphragm
 pancoast tumor (superior sulcus syndrome)
 parietal (mediastinal) pleura
Distant (SS1977) to Regional by direct extension only (SS2000)
2. Multiple masses/separate tumor nodule(s) in the SAME lobe.
Localized (SS1977) to Regional by direct extension only (SS2000)
3. Tumor of main stem bronchus < 2.0 cm from carina.
Localized (SS1977) to Regional by direct extension only (SS2000)
4. Separate tumor nodule(s) in different lobe.
Localized (SS1977) to Distant (SS2000)

B. Stage Shift

<u>Stage</u>	<u>SS 1977</u>	<u>SS 2000</u>
Localized	17.7%	16.0%
Regional-Ext	5.6%	7.6%
Regional-Node	8.6%	6.9%
Reg-Ext + Node	5.7%	7.4%
Distant	52.2%	51.9%
Unknown	10.2%	10.2%
Total	100.0%	100.0%

Data Interpretation

Summary Stage 2000 is not entirely compatible with Summary Stage 1977 codes; however, the differences are small except within the regional stage categories. Lung cancer is a common site, thus even small differences could have a public health impact.

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

ss1977

ss2000

	0: In Situ	1: Localized	2: Regional	3: Reg LN	4: Reg + LN	7: Distant	9: Unknown	Total
1: Localized		13509	739	0	0	672	0	14920
2: Regional		0	4753	0	0	0	0	4753
3: Reg LN		0	0	5857	728	704	0	7289
4: Reg + LN		0	0	0	4795	0	0	4795
7: Distant		0	949	0	706	42465	0	44120
9: Unknown		0	0	0	0	0	8650	8650
Total		13509	6441	5857	6229	43841	8650	84527

Proportion:	0: In Situ	1: Localized	2: Regional	3: Reg LN	4: Reg + LN	7: Distant	9: Unknown	Total
1: Localized		0.159819	0.008743	0	0	0.00795	0	0.176512
2: Regional		0	0.056231	0	0	0	0	0.056231
3: Reg LN		0	0	0.069291	0.008613	0.008329	0	0.086233
4: Reg + LN		0	0	0	0.056727	0	0	0.056727
7: Distant		0	0.011227	0	0.008352	0.502384	0	0.521963
9: Unknown		0	0	0	0	0	0.102334	0.102334
Total		0.159819	0.076201	0.069291	0.073692	0.518663	0.102334	1

p0 0.946786
pe 0.323845
K 0.921299

