

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

Year	2002-3			2003-4			2004-5			2005-6			2006-7
Proportion of units contributing	36/39			36/39			36/39			40/41			42/42
	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals
A LUNG RESECTIONS - PRIMARY-MALIGNANT													
1 Pneumonectomy including sleeve pneumonectomy	551	46	8.3	489	31	6.3	484	29	6.0	459	31	6.8	505
2 Lobectomy, bilobectomy	2305	51	2.2	2166	57	2.6	2198	43	2.0	2413	62	2.6	2579
3 Sleeve lobectomy	65	2	3.1	70	2	2.9	71	1	1.4	88	2	2.3	120
4 Segmentectomy, wedge resection	409	2	0.5	338	8	2.4	419	8	1.9	432	7	1.6	511
5 Any pulmonary resection + resection of chest wall, diaphragm	83	3	3.6	65	4	6.2	84	5	5.9	99	3	3.0	116
6 Exploratory thoracotomy - no resection	206	8	3.9	179	3	1.7	183	1	0.5	195	6	3.1	204
Resections for primary lung cancer	3556			3276			3390			3708			4094
Total majors	11257			10377			10990			12758			14282
B LUNG RESECTIONS - OTHER													
1 Pneumonectomy	26	3	11.5	32	0	0.0	55	2	3.6	36	4	11.1	36
2 Lobectomy, bilobectomy	268	5	1.9	250	4	1.6	213	0	0.0	308	11	3.6	345
3 Sleeve lobectomy	31	1	3.2	16	0	0.0	23	0	0.0	18	0	0.0	23
4 Segmentectomy, wedge resection	716	3	0.4	557	5	0.9	550	2	0.4	739	10	1.4	838
5 Any pulmonary resection + resection of chest wall, diaphragm	46	4	8.7	76	1	1.3	85	2	2.4	39	1	2.6	64
6 Other pulmonary procedure	209	9	4.3	118	1	0.8	154	10	6.5	204	6	2.9	163
C PLEURAL PROCEDURES													
1 Thoracotomy + decortication	514	13	2.5	524	18	3.4	525	14	2.7	741	22	3.0	675
2 Thoracotomy+ pleural symphysis +/- closure of air leak	372	9	2.4	386	7	1.8	460	9	2.0	441	1	0.2	383
3 Thoracotomy + other pleural procedures	664	15	2.3	526	13	2.5	603	7	1.2	502	10	2.0	646
D CHEST WALL/DIAPHRAGMATIC PROCEDURES													
1 Major	531	8	1.5	424	10	2.4	425	2	0.5	432	2	0.5	541
2 Minor	186	0	0.0	254	1	0.4	252	0	0.0	299	3	1.0	377
E MEDIASTINAL PROCEDURES													
1 Resection of mediastinal mass/tumour	333	4	1.2	269	1	0.4	252	1	0.4	351	2	0.6	449
2 Mediastinoscopy / mediastinotomy	2767	9	0.3	2525	9	0.4	2533	13	0.5	2691	9	0.3	2763
3 Other mediastinal procedure	99	9	9.1	113	9	8.0	117	3	2.6	130	5	3.8	137
F OESOPHAGEAL/GASTRIC PROCEDURES													
1 Oesophago-gastric resection/bypass - malignant	464	18	3.9	312	12	3.8	234	10	4.3	288	19	6.6	391
2 Oesophago-gastric resection/bypass - non-malignant	11	3	27.3	14	0	0.0	25	0	0.0	9	2	22.2	28
3 Other major oesophagogastric	208	10	4.8	171	6	3.5	107	5	4.7	104	5	4.8	184
4 Exploration only by any route, ie inoperable	23	2	8.7	26	1	3.8	28	2	7.1	27	1	3.7	31
5 Minor oesophagogastric	15	1	6.7	39	0	0.0	36	0	0.0	32	0	0.0	35

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

G OTHER PROCEDURES													
1 Major	141	6	4.3	165	8	4.8	258	12	4.7	396	9	2.3	431
2 Minor	773	4	0.5	626	7	1.1	675	10	1.5	850	13	1.5	805
Video Assisted Thoracic Surgery (VATS)													
VATS-A LUNG RESECTIONS - PRIMARY-MALIGNANT													
1 Wedge resection	76	0	0.0	81	0	0.0	78	2	2.6	105	1	1.0	111
2 Lobectomy	65	1	1.5	65	3	4.6	54	0	0.0	110	2	1.8	148
3 Pneumonectomy	2	0	0.0	2	0	0.0	1	0	0.0	2	0	0.0	4
VATS-B LUNG RESECTIONS - OTHER													
1 Wedge resection	781	7	0.9	714	5	0.7	773	8	1.0	696	5	0.7	978
2 Lobectomy	12	0	0.0	10	0	0.0	9	0	0.0	17	0	0.0	16
3 Pneumonectomy	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0
VATS-C PLEURAL PROCEDURES													
1 Closure of air leak +/- pleural symphysis	872	5	0.6	1077	9	0.8	1234	9	0.7	1396	4	0.3	1677
2 Any other pleural procedures	1826	18	1.0	1719	26	1.5	1712	41	2.4	1998	32	1.6	2609
VATS-D CHEST WALL/DIAPHRAGMATIC PROCEDURES													
1 All	146	0	0.0	48	0	0.0	44	0	0.0	81	0	0.0	53
VATS-E MEDIASTINAL CONDITIONS													
1 Rescetion of mediastinal mass/tumour	154	0	0.0	106	0	0.0	43	0	0.0	46	0	0.0	82
2 Other mediastinal procedure	61	1	1.6	112	0	0.0	121	0	0.0	195	1	0.5	155
VATS-F OESOPHAGEAL/GASTRIC PROCEDURES													
1 Therapeutic	13	0	0.0	19	0	0.0	25	0	0.0	34	2	5.9	73
2 Diagnostic	62	0	0.0	38	0	0.0	8	0	0.0	14	0	0.0	72
3 Therapeutic - other	0	0	0.0	1	0	0.0	35	0	0.0	23	1	4.3	
VATS-G OTHER PROCEDURES													
1 All	93	1	1.1	174	1	0.6	344	2	0.6	798	6	0.8	484
Total all surgery	16179			14897			15533			17838			19842
Z Endoscopic Procedures (Not VATS)													
1 Diagnostic bronchoscopy / oesophagoscopy	7685	12	0.2	6098	13	0.2	5912	6	0.1	5931	14	0.2	4565

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

2 Therapeutic bronchoscopy / oesophagoscopy	2377	26	1.1	1749	22	1.3	1892	19	1.0	1836	30	1.6	1945
Totals =	26241	319	1.2	22744	297	1.3	23337	278	1.2	25605	344	1.3	26352

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

		2007-8			Total 2002-8		
		42/42					
Deaths	%	Totals	Deaths	%	Totals	Deaths	%
28	5.5	497	31	6.24	2985	196	6.6
58	2.2	2800	68	2.43	14461	339	2.3
3	2.5	111	4	3.6	525	14	2.7
10	2.0	508	7	1.38	2617	42	1.6
5	4.3	106	3	2.83	553	23	4.2
2	1.0	161	7	4.35	1128	27	2.4
		4333			22357		
		14897			74559		
1	2.8	27	2	7.41	212	12	5.7
14	4.1	397	9	2.27	1781	43	2.4
0	0.0	15	0	0	126	1	0.8
9	1.1	1043	6	0.58	4443	35	0.8
3	4.7	77	2	2.6	387	13	3.4
5	3.1	72	3	4.17	920	34	3.7
32	4.7	846	19	2.25	3825	118	3.1
9	2.3	379	9	2.37	2421	44	1.8
16	2.5	644	24	3.73	3585	85	2.4
5	0.9	617	4	0.65	2970	31	1.0
3	0.8	380	0	0	1748	7	0.4
2	0.4	387	3	0.78	2041	13	0.6
15	0.5	3094	9	0.29	16373	64	0.4
3	2.2	136	5	3.68	732	34	4.6
20	5.1	334	22	6.59	2023	101	5.0
2	7.1	27	0	0	114	7	6.1
13	7.1	140	7	5	914	46	5.0
0	0.0	21	1	4.76	156	7	4.5
0	0.0	14	1	7.14	171	2	1.2

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

33	7.7	510	20	3.92	1901	88	4.6	
20	2.5	1052	21	2	4781	75	1.6	
1	0.9	161	2	1.24	612	6	1.0	
2	1.4	146	2	1.37	588	10	1.7	
1	25.0	4	0	0	15	1	6.7	
13	1.3	1040	4	0.38	4982	42	0.8	
0	0.0	20	0	0	84	0	0.0	
0	0.0	0	0	0	1	0	0.0	
16	1.0	1531	16	1.05	7787	59	0.8	
44	1.7	2901	63	2.17	12765	224	1.8	
0	0.0	37	0	0	409	0	0.0	
0	0.0	62	0	0	493	0	0.0	
5	3.2	170	0	0	814	7	0.9	
0	0.0	46	2	4.35	210	4	1.9	
0	0.0	72	0	0	266	0	0.0	
		35	0		94	1	1.1	
5	1.0	500	8	1.6	2393	23	1.0	
		21120	384	1.82	105409	1878	1.8	
10	0.2	5390	7	0.13	35581	62	0.2	

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

25	1.3	2015	21	1.04	11814	143	1.2
433	1.6	28525	412	1.44	123870	1624	1.3