

Multi-Institutional Registry of Large Bowel Cancer  
in Japan

Vol. 27  
Cases treated in 1997-1998

Japanese Society for Cancer of the Colon and Rectum

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## Preface

This report consists of statistics on the outcome of cases treated and registered from 1997 to 1998. The prospective registry of cases in 1997 was a collaborative work carried out by the 122 institutes of the Japanese Society for Cancer of the Colon and Rectum (JSCCR), and the subsequent prospective registry of cases in 1998 was also a collaboration by 95 of the member institutes. Clinical and pathological characteristics of those 7,687 and 6,516 cases were already compiled in the 21st and 24th issues of our reports and published in 2001 and 2003, respectively. The survey of the follow up on those roughly 14,000 cases was less than encouraging: only 67 of the institutes (55%) participating in the prospective registry in 1997 and only 61 of the institutes (64%) participating in 1998 provided their follow-up data. Primarily due to these low response rates, this volume holds the combined data for the years 1997 and 1998.

Descriptions of this report were made in accordance with the rules of the 6th edition of the Japanese Classification of Colorectal Carcinoma, and adenocarcinoma cases arising from the large bowel were analyzed for survival. Cases of non-adenocarcinoma and anal canal cancer will be analyzed when the necessary accumulation of cases for adequate analysis is seen. The survival analysis was done by the Kaplan-Meier method using survival time in days. This approach has been used for analyses on the data registered in 1995 and onward, and is believed to be more precise in estimation than that performed by the life-table method applied to the earlier data series.

We hope this Multi-Institutional Registry of Large Bowel Cancer (MIRLBC) will be able to produce continuously useful output for patient care and research with collaboration from the member institutions.

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stage IV -----	31

### Rectal cancer, surgical cases

stage 0-----	32
stage I -----	33
stage II -----	34
stage IIIa -----	35
stage IIIb-----	36
stage IV -----	37

## Surgical curability, histologically confirmed

### Colon cancer, surgical cases

cur A-----	38
cur B-----	39
cur C-----	40

### Rectal cancer, surgical cases

cur A-----	41
cur B-----	42
cur C-----	43

## Macroscopic lymph node status and depth of tumor invasion

### Colon cancer, surgical cases

N0 & P0, H0, M(-) -----	44
N1 & P0, H0, M(-) -----	46
N2 & P0, H0, M(-) -----	48
N3& P0, H0, M(-) -----	50
N4 & P0, H0, M(-) -----	52

### Rectal cancer, surgical cases

N0 & P0, H0, M(-) -----	54
N1 & P0, H0, M(-) -----	56
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Surgical cases=Cases treated by surgery alone or by endoscopy followed by surgery

## Number of cases by histology, tumor site and sex

	Site	Male		Female	
		Freq.	Percent	Freq.	Percent
Adenocarcinoma	Ileum	1	0.02	0	0.0
	Appendix	6	0.1	6	0.2
	Caecum	288	5.5	229	7.0
	Ascending	703	13.5	498	15.1
	Transverse	465	8.9	302	9.2
	Descending	252	4.8	139	4.2
	Sigmoid	1,481	28.5	925	28.1
	Rectosigmoid	602	11.6	360	10.9
	Upper rectum	611	11.7	345	10.5
	Lower rectum	746	14.3	460	14.0
	Proctus	39	0.8	20	0.6
	External skin	0	0.0	1	0.03
	Unknown	9	0.2	5	0.2
	Total	5,203	100	3,290	100
Others	Ileum	1	1.3	1	2.1
	Appendix	2	2.7	1	2.2
	Caecum	4	5.3	3	6.5
	Ascending	8	10.7	2	4.4
	Transverse	2	3.0	1	2.2
	Descending	2	2.7	2	4.0
	Sigmoid	9	12.0	4	8.7
	Rectosigmoid	4	5.3	2	4.4
	Upper rectum	6	8.0	4	8.7
	Lower rectum	30	40.0	15	32.6
	Proctus	6	8.0	10	21.7
	External skin	1	1.3	0	0.0
	Unknown	0	0.0	1	2.2
	Total	75	100	46	100

In the following analyses, only subjects with adenocarcinoma arising between cecum including vermiform processus (or appendix) and rectum were used.

## Number of excluded cases for survival analysis

Cancers of histology other than adenocarcinoma	582
Cancers arising at the ileum	1
Cancers arising at the proctus and external skin	60
Cancers arising at the unknown or unspecified site	9
Inappropriate coding other than alive or dead for outcome	75
Cases with the unknown current status	980
Missing for date of last contact for reportedly living cases	111
Missing for date of death for reportedly mortal cases	91
Reportedly living cases with cause of death	3
Cases with no surgical nor endoscopic treatment	14
Surgically treated cases not given day for the surgery	3
Cases with 0 day for survival	7
Cases with date of the last contact before surgery or with date of death before surgery	11
Cases with date of the last contact before endoscopy	3
Cases of unknown age	126
Cases of date of first visit before birthday	3
Cases younger than 15	69
<b>Total*</b>	<b>2,148</b>

\* Exclusion criteria were applied to in a sequence as shown in the table.

## Death within 30 days after surgery

Surgical curability	Death within 30 days	No. of surgeries	Percent
cur A	26	4,937	0.5
cur B	4	392	1.0
cur C	24	763	3.1
Unresectable	6	75	8.0
Unknown	1	19	5.3
Missing	0	33	0.0
<b>Total</b>	<b>61</b>	<b>6,219</b>	<b>1.0</b>

## Age incidence

### Male

Site	<20	<30	<40	<50	<60	<70	<80	>=80	Total
Appendix	0	0	0	1	0	1	1	1	4
Caecum	0	2	2	22	50	74	56	21	227
Ascending	0	1	10	40	130	191	166	45	583
Transverse	0	1	5	36	73	132	103	34	384
Descending	0	0	4	21	50	65	56	17	213
Sigmoid	1	2	25	91	284	490	283	77	1,253
Rectosigmoid	0	2	12	36	126	156	132	42	506
Upper rectum	0	1	8	53	139	174	112	29	516
Lower rectum	0	1	12	77	154	201	142	33	620
Total	1	10	78	377	1,006	1,484	1,051	299	4,306

### Female

Site	<20	<30	<40	<50	<60	<70	<80	>=80	Total
Appendix	0	0	0	0	0	3	1	1	5
Caecum	0	0	6	12	32	63	59	20	192
Ascending	0	1	3	26	82	126	124	49	411
Transverse	0	2	0	22	45	78	69	33	249
Descending	0	2	6	7	27	36	25	15	118
Sigmoid	0	4	12	75	194	216	190	61	752
Rectosigmoid	0	0	4	30	79	99	70	20	302
Upper rectum	0	1	7	25	59	84	80	24	280
Lower rectum	0	2	5	35	88	124	87	43	384
Total	0	12	43	232	606	829	705	266	2,693

Sex is missing for 4 cases

## Modality of treatment

Site	Surgery only	Endoscopy only	Endoscopy followed by surgery	Total
Appendix	8	0	1	9
Caecum	381	9	29	419
Ascending	828	31	135	994
Transverse	532	21	82	635
Descending	261	14	56	331
Sigmoid	1,587	104	316	2,007
Rectosigmoid	701	36	71	808
Upper rectum	726	23	47	796
Lower rectum	929	28	47	1,004
Total	5,953	266	784	7,003

## Surgical curability (histologically determined) for surgical cases\*

Site	cur A	cur B	cur C	Unresect	Unknown	Missing	Total
Appendix	4	1	3	0	0	0	8
Caecum	298	27	61	4	0	0	390
Ascending	676	44	120	13	1	5	859
Transverse	434	38	64	12	0	5	553
Descending	231	12	27	3	1	1	275
Sigmoid	1,361	98	210	9	5	8	1,691
Rectosigmoid	546	63	108	13	1	6	737
Upper rectum	600	55	76	12	1	5	749
Lower rectum	787	54	94	9	10	3	957
Total	4,937	392	763	75	19	33	6,219

\*Surgical cases= Cases treated by surgery alone or by endoscopy followed by surgery

## Liver metastasis for surgical cases

Site	H0	H1	H2	H3	Hx	Missing	Total
Appendix	7	0	0	1	0	0	8
Caecum	341	11	8	27	3	0	390
Ascending	757	27	16	53	4	2	859
Transverse	488	15	12	33	3	2	553
Descending	252	2	2	15	3	1	275
Sigmoid	1,484	64	29	101	12	1	1,691
Rectosigmoid	629	29	16	57	6	0	737
Upper rectum	659	27	17	35	11	0	749
Lower rectum	880	13	9	21	30	4	957
Total	5,497	188	109	343	72	10	6,219

## Peritoneal metastasis for surgical cases

Site	P0	P1	P2	P3	Px	Missing	Total
Appendix	4	1	2	1	0	0	8
Caecum	343	12	13	21	1	0	390
Ascending	779	20	18	36	5	1	859
Transverse	513	13	7	17	1	2	553
Descending	262	5	0	7	0	1	275
Sigmoid	1,618	23	18	19	12	1	1,691
Rectosigmoid	695	15	8	12	7	0	737
Upper rectum	709	16	7	3	14	0	749
Lower rectum	894	7	3	2	47	4	957
Total	5,817	112	76	118	87	9	6,219

## Lung metastasis for surgical cases

Site	LM0	LM1	LM2	LM3	LMx	Missing	Total
Appendix	8	0	0	0	0	0	8
Caecum	365	7	0	0	11	7	390
Ascending	791	9	2	6	28	23	859
Transverse	496	3	0	6	18	30	553
Descending	259	2	0	0	7	7	275
Sigmoid	1,541	14	6	12	52	66	1,691
Rectosigmoid	670	7	2	2	22	34	737
Upper rectum	670	8	7	3	33	28	749
Lower rectum	875	6	3	2	32	39	957
Total	5,675	56	20	31	203	234	6,219

## Distant metastasis for surgical cases

Site	M (-)	M (+)	Mx	Missing	Total
Appendix	7	0	0	1	8
Caecum	373	2	7	8	390
Ascending	822	8	18	11	859
Transverse	539	4	4	6	553
Descending	268	2	2	3	275
Sigmoid	1,627	22	30	12	1,691
Rectosigmoid	710	8	8	11	737
Upper rectum	716	10	15	8	749
Lower rectum	912	7	23	15	957
Total	5,974	63	107	75	6,219

## Macroscopic lymph node metastasis and depth of invasion

### Colon cancer for surgical cases

	M	SM	MP	SS/A1	SE/A2	Si/Ai	Unknown	Missing	Total
N0	165	447	263	434	287	55	23	27	1,701
N1	1	13	73	372	529	157	2	11	1,158
N2	0	3	15	150	260	104	2	8	542
N3	0	0	0	25	74	42	0	1	142
N4	0	0	3	12	69	44	3	0	131
Nx	3	5	3	18	33	19	11	2	94
Missing	1	0	1	0	1	0	3	2	8
Total	170	468	358	1,011	1,253	421	44	51	3,776

Two cases with an inappropriate code for depth of invasion were included.

### Rectal cancer for surgical cases

	M	SM	MP	SS/A1	SE/A2	Si/Ai	Unknown	Missing	Total
N0	98	240	274	286	196	37	9	9	1,149
N1	0	14	68	250	374	68	0	2	776
N2	0	2	15	54	133	50	2	0	256
N3	0	0	1	11	38	26	0	2	78
N4	0	1	0	8	24	18	2	1	54
Nx	29	32	8	9	15	16	10	0	119
Missing	5	1	1	0	3	0	1	0	11
Total	132	290	367	618	783	215	24	14	2,443

One case with an inappropriate code for depth of invasion was included.

## Microscopic lymph node metastasis and depth of invasion

### Colon cancer for surgical cases

	m	sm	mp	ss/a1	se/a2	si/ai	Unknown	Missing	Total
n0	236	406	291	925	311	85	4	18	2,276
n1	2	31	57	367	271	59	0	9	796
n2	0	8	21	177	143	30	1	2	382
n3	0	0	0	43	44	7	1	0	95
n4	0	0	0	21	49	16	1	0	87
nx	7	7	3	18	34	23	18	2	112
Missing	1	2	1	1	1	2	7	13	28
Total	246	454	373	1,552	853	222	32	44	3,776

### Rectal cancer for surgical cases

	m	sm	mp	ss/a1	se/a2	si/ai	Unknown	Missing	Total
n0	95	227	300	394	216	42	4	11	1,289
n1	1	25	81	253	203	38	1	2	604
n2	0	6	17	85	123	18	0	2	251
n3	0	0	3	22	26	9	0	0	60
n4	0	1	2	22	23	8	1	1	58
nx	49	43	10	10	14	8	11	0	145
Missing	3	1	2	1	0	0	7	22	36
Total	148	303	415	787	605	123	24	38	2,443

One case with an inappropriate code for depth of invasion was included.

## Survival analysis

## Sex

### Colon cancer, surgical cases

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3776	346	77	90.7%	0.5%	89.8%	91.6%
1-2	3353	271	186	83.2%	0.6%	81.9%	84.4%
2-3	2896	174	128	78.1%	0.7%	76.7%	79.4%
3-4	2594	133	117	74.0%	0.7%	72.5%	75.4%
4-5	2344	95	179	70.9%	0.8%	69.3%	72.4%
5-	2070	103	1967				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2233	199	49	91.0%	0.6%	89.7%	92.1%
1-2	1985	168	120	83.0%	0.8%	81.4%	84.6%
2-3	1697	123	78	76.9%	0.9%	75.0%	78.6%
3-4	1496	83	70	72.6%	1.0%	70.6%	74.4%
4-5	1343	61	103	69.1%	1.0%	67.0%	71.1%
5-	1179	54	1125				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1542	147	28	90.4%	0.8%	88.8%	91.8%
1-2	1367	103	66	83.4%	1.0%	81.4%	85.2%
2-3	1198	51	50	79.8%	1.0%	77.6%	81.7%
3-4	1097	50	47	76.1%	1.1%	73.8%	78.2%
4-5	1000	34	76	73.4%	1.2%	71.0%	75.6%
5-	890	49	841				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Sex

Colon cancer, treated by endoscopy alone.

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	619	5	69	99.1%	0.4%	97.9%	99.6%
1-2	545	5	40	98.2%	0.6%	96.6%	99.0%
2-3	500	8	40	96.5%	0.8%	94.5%	97.8%
3-4	452	4	64	95.6%	0.9%	93.4%	97.1%
4-5	384	3	78	94.8%	1.0%	92.4%	96.5%
5-	303	10	293				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	431	4	49	99.0%	0.5%	97.3%	99.6%
1-2	378	4	23	97.9%	0.7%	95.8%	98.9%
2-3	351	3	24	97.0%	0.9%	94.7%	98.3%
3-4	324	3	42	96.1%	1.0%	93.4%	97.7%
4-5	279	1	55	95.7%	1.1%	92.9%	97.4%
5-	223	9	214				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	185	1	19	99.4%	0.6%	95.8%	99.9%
1-2	165	1	17	98.8%	0.9%	95.2%	99.7%
2-3	147	5	16	95.2%	1.8%	90.1%	97.7%
3-4	126	1	22	94.3%	2.0%	88.9%	97.1%
4-5	103	2	22	92.5%	2.3%	86.3%	95.9%
5-	79	1	78				

## Sex

### Rectal cancer, surgical cases

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2443	215	38	91.1%	0.6%	89.9%	92.2%
1-2	2190	170	99	83.9%	0.8%	82.4%	85.3%
2-3	1921	155	64	77.0%	0.9%	75.3%	78.7%
3-4	1702	91	67	72.8%	0.9%	71.0%	74.6%
4-5	1544	61	109	69.9%	1.0%	67.9%	71.7%
5-	1374	85	1289				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1541	142	22	90.7%	0.7%	89.2%	92.1%
1-2	1377	106	59	83.6%	1.0%	81.7%	85.4%
2-3	1212	103	49	76.4%	1.1%	74.1%	78.5%
3-4	1060	60	45	72.0%	1.2%	69.6%	74.2%
4-5	955	36	64	69.1%	1.2%	66.7%	71.5%
5-	855	59	796				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	902	73	16	91.8%	0.9%	89.8%	93.4%
1-2	813	64	40	84.5%	1.2%	81.9%	86.7%
2-3	709	52	15	78.2%	1.4%	75.3%	80.8%
3-4	642	31	22	74.3%	1.5%	71.3%	77.1%
4-5	589	25	45	71.1%	1.6%	67.9%	74.0%
5-	519	26	493				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## Sex

Rectal cancer, treated by endoscopy alone.

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	165	0	24	100.0%	.	.	.
1-2	141	1	9	99.3%	0.7%	94.8%	99.9%
2-3	131	1	14	98.5%	1.1%	94.0%	99.6%
3-4	116	6	16	92.9%	2.5%	86.2%	96.4%
4-5	94	1	24	91.8%	2.6%	84.7%	95.7%
5-	69	0	69				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	101	0	16	100.0%	.	.	.
1-2	85	0	4	100.0%	.	.	.
2-3	81	0	7	100.0%	.	.	.
3-4	74	6	11	90.9%	3.5%	80.9%	95.8%
4-5	57	1	15	89.1%	3.9%	78.4%	94.7%
5-	41	0	41				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	64	0	8	100.0%	.	.	.
1-2	56	1	5	98.1%	1.9%	87.1%	99.7%
2-3	50	1	7	96.0%	2.8%	84.9%	99.0%
3-4	42	0	5	96.0%	2.8%	84.9%	99.0%
4-5	37	0	9	96.0%	2.8%	84.9%	99.0%
5-	28	0	28				

## Clinical stage

### Colon cancer, surgical cases

#### Clinical stage 0

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	169	0	5	100.0%	.	.	.
1-2	164	1	10	99.4%	0.6%	95.8%	99.9%
2-3	153	5	9	96.1%	1.6%	91.5%	98.2%
3-4	139	1	10	95.3%	1.7%	90.5%	97.8%
4-5	128	1	14	93.8%	2.0%	88.3%	96.7%
5-	113	2	111				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	103	0	3	100.0%	.	.	.
1-2	100	1	9	99.0%	1.0%	93.1%	99.9%
2-3	90	4	5	94.6%	2.4%	87.5%	97.7%
3-4	81	1	7	93.3%	2.6%	85.7%	97.0%
4-5	73	1	6	90.7%	3.2%	82.1%	95.2%
5-	66	1	65				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	65	0	2	100.0%	.	.	.
1-2	63	0	1	100.0%	.	.	.
2-3	62	1	4	98.3%	1.7%	88.6%	99.8%
3-4	57	0	3	98.3%	1.7%	88.6%	99.8%
4-5	54	0	8	98.3%	1.7%	88.6%	99.8%
5-	46	1	45				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Clinical stage I

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	712	17	16	97.6%	0.6%	96.1%	98.5%
1-2	679	13	49	95.7%	0.8%	93.9%	97.0%
2-3	617	14	22	93.5%	1.0%	91.3%	95.1%
3-4	581	8	21	92.1%	1.1%	89.8%	94.0%
4-5	552	10	46	90.4%	1.2%	87.8%	92.4%
5-	496	15	481				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	448	11	13	97.5%	0.7%	95.5%	98.6%
1-2	424	10	33	95.1%	1.0%	92.6%	96.8%
2-3	381	9	12	92.8%	1.3%	89.9%	94.9%
3-4	360	6	19	91.3%	1.4%	88.1%	93.6%
4-5	335	7	29	89.2%	1.6%	85.7%	91.9%
5-	299	8	291				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	264	6	3	97.7%	0.9%	95.0%	99.0%
1-2	255	3	16	96.6%	1.1%	93.5%	98.2%
2-3	236	5	10	94.5%	1.4%	90.8%	96.7%
3-4	221	2	2	93.6%	1.6%	89.8%	96.0%
4-5	217	3	17	92.2%	1.7%	88.0%	95.0%
5-	197	7	190				

## Clinical stage

### Colon cancer, surgical cases

#### Clinical stage II

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	756	36	8	95.2%	0.8%	93.4%	96.5%
1-2	712	33	33	90.7%	1.1%	88.4%	92.6%
2-3	646	25	32	87.1%	1.2%	84.5%	89.4%
3-4	589	17	30	84.5%	1.4%	81.7%	87.0%
4-5	542	26	41	80.4%	1.5%	77.2%	83.2%
5-	475	26	449				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	456	26	4	94.3%	1.1%	91.7%	96.1%
1-2	426	23	21	89.1%	1.5%	85.8%	91.6%
2-3	382	18	22	84.7%	1.7%	81.0%	87.8%
3-4	342	7	13	83.0%	1.8%	79.1%	86.2%
4-5	322	20	22	77.7%	2.1%	73.4%	81.4%
5-	280	16	264				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	300	10	4	96.7%	1.0%	93.9%	98.2%
1-2	286	10	12	93.2%	1.5%	89.7%	95.6%
2-3	264	7	10	90.7%	1.7%	86.7%	93.5%
3-4	247	10	17	86.9%	2.0%	82.4%	90.4%
4-5	220	6	19	84.5%	2.2%	79.6%	88.3%
5-	195	10	185				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

# Clinical stage IIIa

## Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	987	29	13	97.0%	0.5%	95.8%	97.9%
1-2	945	62	49	90.5%	1.0%	88.5%	92.2%
2-3	834	43	39	85.7%	1.1%	83.3%	87.8%
3-4	752	47	35	80.3%	1.3%	77.5%	82.7%
4-5	670	38	47	75.6%	1.5%	72.6%	78.3%
5-	585	33	552				

## Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	556	18	9	96.7%	0.8%	94.9%	97.9%
1-2	529	34	28	90.3%	1.3%	87.5%	92.6%
2-3	467	34	25	83.6%	1.6%	80.1%	86.5%
3-4	408	31	17	77.2%	1.9%	73.2%	80.6%
4-5	360	20	27	72.7%	2.0%	68.5%	76.4%
5-	313	17	296				

## Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	431	11	4	97.4%	0.8%	95.4%	98.6%
1-2	416	28	21	90.7%	1.4%	87.5%	93.1%
2-3	367	9	14	88.4%	1.6%	84.9%	91.2%
3-4	344	16	18	84.2%	1.8%	80.3%	87.4%
4-5	310	18	20	79.2%	2.1%	74.8%	82.9%
5-	272	16	256				

## Clinical stage

### Colon cancer, surgical cases

#### Clinical stage IIb

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	470	18	6	96.1%	0.9%	94.0%	97.6%
1-2	446	38	23	87.7%	1.5%	84.3%	90.4%
2-3	385	23	19	82.4%	1.8%	78.5%	85.6%
3-4	343	28	13	75.5%	2.1%	71.2%	79.3%
4-5	302	11	25	72.6%	2.2%	68.1%	76.6%
5-	266	12	254				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	280	13	4	95.3%	1.3%	92.1%	97.3%
1-2	263	18	15	88.6%	1.9%	84.1%	91.8%
2-3	230	18	12	81.5%	2.4%	76.3%	85.7%
3-4	200	22	9	72.4%	2.8%	66.4%	77.4%
4-5	169	5	15	70.1%	2.9%	64.1%	75.4%
5-	149	7	142				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	190	5	2	97.4%	1.2%	93.8%	98.9%
1-2	183	20	8	86.5%	2.5%	80.7%	90.7%
2-3	155	5	7	83.6%	2.7%	77.4%	88.3%
3-4	143	6	4	80.1%	3.0%	73.4%	85.2%
4-5	133	6	10	76.3%	3.2%	69.2%	81.9%
5-	117	5	112				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Clinical stage IV

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	629	243	25	60.3%	2.0%	56.3%	64.1%
1-2	361	122	19	39.3%	2.0%	35.4%	43.2%
2-3	220	63	4	27.9%	1.9%	24.3%	31.6%
3-4	153	30	2	22.4%	1.8%	19.1%	25.9%
4-5	121	9	5	20.7%	1.7%	17.5%	24.2%
5-	107	14	93				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	361	130	14	63.0%	2.6%	57.7%	67.8%
1-2	217	80	14	38.9%	2.7%	33.7%	44.1%
2-3	123	40	1	26.2%	2.4%	21.6%	31.1%
3-4	82	15	2	21.4%	2.3%	17.1%	26.0%
4-5	65	8	3	18.7%	2.2%	14.6%	23.2%
5-	54	4	50				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	268	113	11	56.8%	3.1%	50.6%	62.6%
1-2	144	42	5	39.9%	3.1%	33.8%	45.8%
2-3	97	23	3	30.2%	2.9%	24.6%	36.0%
3-4	71	15	0	23.8%	2.7%	18.7%	29.3%
4-5	56	1	2	23.4%	2.7%	18.3%	28.9%
5-	53	10	43				

## Clinical stage

### Rectal cancer, surgical cases

#### Clinical stage 0

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	131	4	4	96.9%	1.5%	91.9%	98.8%
1-2	123	1	11	96.0%	1.8%	90.7%	98.3%
2-3	111	4	6	92.4%	2.4%	85.9%	96.0%
3-4	101	2	6	90.6%	2.7%	83.6%	94.7%
4-5	93	1	6	89.5%	2.9%	82.3%	93.9%
5-	86	2	84				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	86	2	4	97.6%	1.7%	90.7%	99.4%
1-2	80	0	7	97.6%	1.7%	90.7%	99.4%
2-3	73	2	4	94.8%	2.5%	86.8%	98.0%
3-4	67	1	5	93.3%	2.9%	84.7%	97.2%
4-5	61	1	3	91.7%	3.3%	82.4%	96.2%
5-	57	2	55				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	45	2	0	95.6%	3.1%	83.4%	98.9%
1-2	43	1	4	93.2%	3.8%	80.3%	97.8%
2-3	38	2	2	88.1%	5.0%	73.7%	94.9%
3-4	34	1	1	85.5%	5.5%	70.5%	93.3%
4-5	32	0	3	85.5%	5.5%	70.5%	93.3%
5-	29	0	29				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Clinical stage I

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	549	8	4	98.5%	0.5%	97.1%	99.3%
1-2	537	11	21	96.5%	0.8%	94.5%	97.7%
2-3	505	17	13	93.2%	1.1%	90.7%	95.0%
3-4	475	9	19	91.4%	1.2%	88.6%	93.5%
4-5	447	9	28	89.5%	1.4%	86.5%	91.8%
5-	410	15	395				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	332	5	2	98.5%	0.7%	96.4%	99.4%
1-2	325	8	10	96.0%	1.1%	93.3%	97.7%
2-3	307	15	9	91.3%	1.6%	87.6%	93.9%
3-4	283	4	13	89.9%	1.7%	86.1%	92.8%
4-5	266	5	16	88.2%	1.8%	84.0%	91.3%
5-	245	8	237				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	217	3	2	98.6%	0.8%	95.7%	99.6%
1-2	212	3	11	97.2%	1.1%	93.9%	98.7%
2-3	198	2	4	96.2%	1.3%	92.5%	98.1%
3-4	192	5	6	93.6%	1.7%	89.3%	96.3%
4-5	181	4	12	91.5%	2.0%	86.7%	94.6%
5-	165	7	158				

## Clinical stage

### Rectal cancer, surgical cases

#### Clinical stage II

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	501	18	6	96.4%	0.8%	94.3%	97.7%
1-2	477	25	14	91.3%	1.3%	88.4%	93.5%
2-3	438	20	12	87.1%	1.5%	83.7%	89.7%
3-4	406	25	16	81.6%	1.8%	77.8%	84.8%
4-5	365	13	30	78.6%	1.9%	74.6%	82.0%
5-	322	30	292				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	321	11	5	96.5%	1.0%	93.9%	98.1%
1-2	305	15	9	91.7%	1.6%	88.1%	94.3%
2-3	281	14	9	87.1%	1.9%	82.8%	90.4%
3-4	258	14	10	82.2%	2.2%	77.4%	86.1%
4-5	234	6	18	80.1%	2.3%	75.1%	84.2%
5-	210	24	186				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	180	7	1	96.1%	1.4%	92.0%	98.1%
1-2	172	10	5	90.5%	2.2%	85.2%	94.0%
2-3	157	6	3	87.0%	2.5%	81.1%	91.2%
3-4	148	11	6	80.4%	3.0%	73.7%	85.6%
4-5	131	7	12	75.9%	3.3%	68.7%	81.7%
5-	112	6	106				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

# Clinical stage IIIa

## Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	653	31	10	95.2%	0.8%	93.3%	96.6%
1-2	612	52	23	87.0%	1.3%	84.1%	89.4%
2-3	537	53	21	78.2%	1.7%	74.8%	81.3%
3-4	463	33	18	72.6%	1.8%	68.9%	76.0%
4-5	412	22	28	68.6%	1.9%	64.7%	72.1%
5-	362	19	343				

## Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	434	22	6	94.9%	1.1%	92.4%	96.6%
1-2	406	33	18	87.1%	1.6%	83.5%	89.9%
2-3	355	37	17	77.8%	2.1%	73.5%	81.5%
3-4	301	26	11	71.0%	2.3%	66.3%	75.2%
4-5	264	13	15	67.4%	2.4%	62.5%	71.8%
5-	236	15	221				

## Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	219	9	4	95.9%	1.4%	92.2%	97.8%
1-2	206	19	5	86.9%	2.3%	81.6%	90.8%
2-3	182	16	4	79.1%	2.8%	73.0%	84.0%
3-4	162	7	7	75.7%	3.0%	69.3%	80.9%
4-5	148	9	13	70.9%	3.2%	64.1%	76.6%
5-	126	4	122				

## Clinical stage

### Rectal cancer, surgical cases

#### Clinical stage IIb

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	260	21	6	91.8%	1.7%	87.7%	94.6%
1-2	233	21	18	83.3%	2.4%	78.1%	87.4%
2-3	194	25	8	72.4%	2.9%	66.3%	77.6%
3-4	161	12	7	66.8%	3.1%	60.4%	72.5%
4-5	142	9	10	62.5%	3.2%	55.8%	68.4%
5-	123	11	112				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	148	11	2	92.5%	2.2%	86.9%	95.8%
1-2	135	13	7	83.5%	3.1%	76.3%	88.6%
2-3	115	14	8	72.9%	3.8%	64.7%	79.5%
3-4	93	9	5	65.5%	4.1%	56.8%	72.9%
4-5	79	6	7	60.4%	4.3%	51.4%	68.2%
5-	66	5	61				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	112	10	4	90.9%	2.7%	83.8%	95.0%
1-2	98	8	11	83.2%	3.6%	74.7%	89.1%
2-3	79	11	0	71.6%	4.5%	61.7%	79.4%
3-4	68	3	2	68.5%	4.7%	58.4%	76.6%
4-5	63	3	3	65.1%	4.8%	54.9%	73.7%
5-	57	6	51				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Clinical stage IV

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	328	129	8	59.9%	2.7%	54.3%	65.0%
1-2	191	59	7	41.2%	2.8%	35.7%	46.5%
2-3	125	35	4	29.4%	2.6%	24.5%	34.6%
3-4	86	10	1	26.0%	2.5%	21.2%	31.0%
4-5	75	7	6	23.4%	2.4%	18.8%	28.3%
5-	62	8	54				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	210	89	3	57.1%	3.4%	50.1%	63.5%
1-2	118	37	6	39.0%	3.4%	32.3%	45.6%
2-3	75	21	2	27.9%	3.2%	21.8%	34.2%
3-4	52	6	1	24.7%	3.1%	18.9%	30.9%
4-5	45	5	5	21.6%	3.0%	16.1%	27.7%
5-	35	5	30				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	118	40	5	64.9%	4.5%	55.4%	72.9%
1-2	73	22	1	45.1%	4.7%	35.7%	54.0%
2-3	50	14	2	32.2%	4.4%	23.7%	41.0%
3-4	34	4	0	28.4%	4.3%	20.3%	37.0%
4-5	30	2	1	26.5%	4.2%	18.7%	35.0%
5-	27	3	24				

## Histological stage

### Colon cancer, surgical cases

#### Histological stage 0

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	243	0	12	100.0%	.	.	.
1-2	231	1	16	99.6%	0.5%	96.9%	99.9%
2-3	214	5	8	97.2%	1.1%	93.9%	98.7%
3-4	201	1	10	96.7%	1.2%	93.2%	98.4%
4-5	190	2	19	95.6%	1.4%	91.8%	97.7%
5-	169	2	167				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	147	0	9	100.0%	.	.	.
1-2	138	1	14	99.2%	0.8%	94.7%	99.9%
2-3	123	3	4	96.8%	1.6%	91.7%	98.8%
3-4	116	1	6	95.9%	1.8%	90.5%	98.3%
4-5	109	2	8	94.1%	2.2%	88.0%	97.2%
5-	99	0	99				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	95	0	3	100.0%	.	.	.
1-2	92	0	2	100.0%	.	.	.
2-3	90	2	4	97.7%	1.6%	91.1%	99.4%
3-4	84	0	4	97.7%	1.6%	91.1%	99.4%
4-5	80	0	11	97.7%	1.6%	91.1%	99.4%
5-	69	2	67				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## Histological stage I

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	704	19	15	97.3%	0.6%	95.8%	98.3%
1-2	670	13	45	95.3%	0.8%	93.5%	96.7%
2-3	612	10	29	93.7%	0.9%	91.6%	95.3%
3-4	573	9	26	92.2%	1.1%	89.9%	94.1%
4-5	538	10	47	90.2%	1.2%	87.6%	92.3%
5-	481	17	464				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	444	12	10	97.3%	0.8%	95.2%	98.4%
1-2	422	11	30	94.6%	1.1%	92.0%	96.4%
2-3	381	7	15	92.9%	1.3%	90.0%	95.0%
3-4	359	9	23	90.5%	1.5%	87.2%	93.0%
4-5	327	7	32	88.1%	1.6%	84.5%	91.0%
5-	288	11	277				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	260	7	5	97.3%	1.0%	94.4%	98.7%
1-2	248	2	15	96.5%	1.1%	93.4%	98.2%
2-3	231	3	14	95.2%	1.4%	91.7%	97.3%
3-4	214	0	3	95.2%	1.4%	91.7%	97.3%
4-5	211	3	15	93.8%	1.6%	89.9%	96.2%
5-	193	6	187				

## Histological stage

### Colon cancer, surgical cases

#### Histological stage II

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1225	42	11	96.6%	0.5%	95.4%	97.5%
1-2	1172	55	59	91.9%	0.8%	90.2%	93.3%
2-3	1058	47	50	87.7%	1.0%	85.7%	89.5%
3-4	961	35	45	84.5%	1.1%	82.3%	86.5%
4-5	881	34	62	81.1%	1.2%	78.7%	83.3%
5-	785	38	747				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	723	31	6	95.7%	0.8%	93.9%	97.0%
1-2	686	34	40	90.8%	1.1%	88.5%	92.7%
2-3	612	36	32	85.3%	1.4%	82.5%	87.8%
3-4	544	20	24	82.2%	1.5%	79.0%	84.8%
4-5	500	24	31	78.1%	1.6%	74.7%	81.1%
5-	445	23	422				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	502	11	5	97.8%	0.7%	96.1%	98.8%
1-2	486	21	19	93.5%	1.1%	90.9%	95.4%
2-3	446	11	18	91.2%	1.3%	88.3%	93.4%
3-4	417	15	21	87.8%	1.5%	84.5%	90.4%
4-5	381	10	31	85.4%	1.6%	81.8%	88.3%
5-	340	15	325				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

# Histological stage IIIa

## Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	624	27	7	95.6%	0.8%	93.7%	97.0%
1-2	590	40	32	88.9%	1.3%	86.2%	91.2%
2-3	518	32	20	83.4%	1.5%	80.1%	86.1%
3-4	466	34	26	77.2%	1.8%	73.5%	80.4%
4-5	406	25	30	72.3%	1.9%	68.4%	75.8%
5-	351	23	328				

## Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	344	15	5	95.6%	1.1%	92.8%	97.3%
1-2	324	22	15	88.9%	1.7%	85.0%	91.9%
2-3	287	23	15	81.6%	2.2%	77.0%	85.4%
3-4	249	19	11	75.3%	2.4%	70.2%	79.7%
4-5	219	11	20	71.5%	2.6%	66.1%	76.1%
5-	188	10	178				

## Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	280	12	2	95.7%	1.2%	92.5%	97.5%
1-2	266	18	17	89.0%	1.9%	84.6%	92.2%
2-3	231	9	5	85.5%	2.2%	80.6%	89.2%
3-4	217	15	15	79.4%	2.5%	74.0%	83.9%
4-5	187	14	10	73.3%	2.8%	67.4%	78.4%
5-	163	13	150				

## Histological stage

### Colon cancer, surgical cases

#### Histological stage IIb

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	327	14	7	95.7%	1.1%	92.8%	97.4%
1-2	306	38	13	83.5%	2.1%	79.0%	87.2%
2-3	255	17	12	77.8%	2.4%	72.8%	82.1%
3-4	226	24	6	69.5%	2.7%	63.9%	74.3%
4-5	196	15	15	63.8%	2.8%	58.0%	69.0%
5-	166	10	156				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	195	9	5	95.3%	1.5%	91.2%	97.5%
1-2	181	18	6	85.7%	2.6%	79.8%	90.0%
2-3	157	14	8	77.9%	3.1%	71.2%	83.2%
3-4	135	19	3	66.8%	3.5%	59.4%	73.2%
4-5	113	9	9	61.1%	3.7%	53.5%	67.9%
5-	95	6	89				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	132	5	2	96.2%	1.7%	91.1%	98.4%
1-2	125	20	7	80.3%	3.5%	72.3%	86.3%
2-3	98	3	4	77.8%	3.7%	69.4%	84.1%
3-4	91	5	3	73.4%	4.0%	64.7%	80.4%
4-5	83	6	6	67.9%	4.3%	58.7%	75.5%
5-	71	4	67				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Histological stage IV

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	621	241	25	60.1%	2.0%	56.1%	63.9%
1-2	355	123	19	38.6%	2.0%	34.7%	42.6%
2-3	213	63	5	27.0%	1.9%	23.4%	30.8%
3-4	145	29	2	21.6%	1.7%	18.3%	25.1%
4-5	114	9	5	19.9%	1.7%	16.7%	23.3%
5-	100	13	87				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	360	130	14	62.9%	2.6%	57.6%	67.7%
1-2	216	81	14	38.5%	2.7%	33.3%	43.6%
2-3	121	40	2	25.6%	2.4%	21.0%	30.5%
3-4	79	14	2	21.1%	2.3%	16.8%	25.7%
4-5	63	8	2	18.3%	2.2%	14.3%	22.8%
5-	53	4	49				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	261	111	11	56.4%	3.1%	50.1%	62.3%
1-2	139	42	5	39.0%	3.1%	32.9%	45.0%
2-3	92	23	3	29.0%	2.9%	23.4%	34.8%
3-4	66	15	0	22.4%	2.7%	17.3%	27.9%
4-5	51	1	3	22.0%	2.7%	16.9%	27.4%
5-	47	9	38				

## Histological stage

### Rectal cancer, surgical cases

#### Histological stage 0

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	144	4	4	97.2%	1.4%	92.6%	98.9%
1-2	136	1	8	96.4%	1.6%	91.6%	98.5%
2-3	127	5	4	92.5%	2.3%	86.5%	95.9%
3-4	118	1	7	91.7%	2.4%	85.6%	95.3%
4-5	110	2	6	90.0%	2.7%	83.3%	94.1%
5-	102	2	100				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	100	2	4	97.9%	1.4%	92.0%	99.5%
1-2	94	0	4	97.9%	1.4%	92.0%	99.5%
2-3	90	3	2	94.6%	2.3%	87.6%	97.7%
3-4	85	0	6	94.6%	2.3%	87.6%	97.7%
4-5	79	2	3	92.1%	2.9%	84.2%	96.2%
5-	74	1	73				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	44	2	0	95.5%	3.1%	83.0%	98.8%
1-2	42	1	4	93.0%	3.9%	79.8%	97.7%
2-3	37	2	2	87.8%	5.1%	73.1%	94.8%
3-4	33	1	1	85.2%	5.6%	69.8%	93.1%
4-5	31	0	3	85.2%	5.6%	69.8%	93.1%
5-	28	1	27				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## Histological stage I

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	577	11	6	98.1%	0.6%	96.6%	98.9%
1-2	560	11	24	96.1%	0.8%	94.2%	97.4%
2-3	525	13	17	93.7%	1.0%	91.3%	95.4%
3-4	495	15	20	90.8%	1.2%	88.0%	93.0%
4-5	460	6	25	89.6%	1.3%	86.7%	91.9%
5-	429	19	410				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	349	8	2	97.7%	0.8%	95.5%	98.8%
1-2	339	8	13	95.4%	1.1%	92.5%	97.1%
2-3	318	12	12	91.7%	1.5%	88.2%	94.2%
3-4	294	10	13	88.5%	1.8%	84.5%	91.5%
4-5	271	4	14	87.2%	1.9%	83.0%	90.4%
5-	253	13	240				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	228	3	4	98.7%	0.8%	95.9%	99.6%
1-2	221	3	11	97.3%	1.1%	94.1%	98.8%
2-3	207	1	5	96.8%	1.2%	93.5%	98.5%
3-4	201	5	7	94.4%	1.6%	90.3%	96.8%
4-5	189	2	11	93.4%	1.7%	89.0%	96.0%
5-	176	6	170				

## Histological stage

### Rectal cancer, surgical cases

#### Histological stage II

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	618	18	9	97.1%	0.7%	95.4%	98.1%
1-2	591	33	26	91.6%	1.1%	89.0%	93.5%
2-3	532	29	21	86.5%	1.4%	83.4%	89.0%
3-4	482	26	20	81.7%	1.6%	78.3%	84.6%
4-5	436	15	40	78.8%	1.7%	75.1%	81.9%
5-	381	20	361				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	410	11	8	97.3%	0.8%	95.2%	98.5%
1-2	391	21	15	92.0%	1.4%	88.9%	94.3%
2-3	355	23	18	85.9%	1.8%	82.0%	89.0%
3-4	314	14	16	82.0%	2.0%	77.7%	85.5%
4-5	284	7	22	79.8%	2.1%	75.4%	83.6%
5-	255	14	241				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	208	7	1	96.6%	1.3%	93.1%	98.4%
1-2	200	12	11	90.7%	2.0%	85.9%	94.0%
2-3	177	6	3	87.6%	2.3%	82.2%	91.5%
3-4	168	12	4	81.3%	2.8%	75.1%	86.1%
4-5	152	8	18	76.7%	3.1%	70.1%	82.1%
5-	126	6	120				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

# Histological stage IIIa

## Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	496	23	4	95.3%	1.0%	93.1%	96.9%
1-2	469	36	20	87.9%	1.5%	84.6%	90.5%
2-3	413	34	12	80.5%	1.8%	76.7%	83.8%
3-4	367	18	15	76.5%	2.0%	72.4%	80.1%
4-5	334	22	22	71.3%	2.1%	66.9%	75.2%
5-	290	23	267				

## Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	311	15	4	95.1%	1.2%	92.1%	97.0%
1-2	292	23	13	87.5%	1.9%	83.2%	90.7%
2-3	256	19	9	80.9%	2.3%	75.9%	84.9%
3-4	228	15	8	75.5%	2.5%	70.1%	80.0%
4-5	205	12	14	71.0%	2.7%	65.3%	75.9%
5-	179	18	161				

## Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	185	8	0	95.7%	1.5%	91.5%	97.8%
1-2	177	13	7	88.5%	2.4%	82.9%	92.4%
2-3	157	15	3	79.9%	3.0%	73.3%	85.1%
3-4	139	3	7	78.2%	3.1%	71.4%	83.6%
4-5	129	10	8	71.9%	3.4%	64.6%	78.0%
5-	111	5	106				

## Histological stage

### Rectal cancer, surgical cases

#### Histological stage IIb

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	242	18	6	92.4%	1.7%	88.3%	95.2%
1-2	218	28	13	80.3%	2.6%	74.6%	84.9%
2-3	177	33	5	65.1%	3.2%	58.5%	70.9%
3-4	139	17	4	57.0%	3.3%	50.2%	63.3%
4-5	118	10	9	52.0%	3.4%	45.1%	58.4%
5-	99	13	86				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	136	9	0	93.4%	2.1%	87.7%	96.5%
1-2	127	16	7	81.4%	3.4%	73.7%	87.0%
2-3	104	20	5	65.3%	4.2%	56.4%	72.9%
3-4	79	13	1	54.4%	4.5%	45.3%	62.7%
4-5	65	7	6	48.2%	4.5%	39.1%	56.8%
5-	52	8	44				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	106	9	6	91.2%	2.8%	83.8%	95.3%
1-2	91	12	6	78.8%	4.1%	69.3%	85.6%
2-3	73	13	0	64.8%	4.9%	54.3%	73.4%
3-4	60	4	3	60.5%	5.0%	49.9%	69.5%
4-5	53	3	3	56.9%	5.1%	46.3%	66.2%
5-	47	5	42				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## Histological stage IV

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	335	130	9	60.4%	2.7%	54.8%	65.4%
1-2	196	59	7	42.0%	2.7%	36.6%	47.3%
2-3	130	38	5	29.5%	2.6%	24.5%	34.6%
3-4	87	12	1	25.4%	2.5%	20.7%	30.3%
4-5	74	6	6	23.2%	2.4%	18.6%	28.1%
5-	62	8	54				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	214	90	4	57.3%	3.4%	50.3%	63.7%
1-2	120	37	6	39.5%	3.4%	32.8%	46.0%
2-3	77	24	3	26.8%	3.1%	20.9%	33.1%
3-4	50	6	1	23.6%	3.0%	18.0%	29.7%
4-5	43	4	5	21.2%	3.0%	15.7%	27.2%
5-	34	5	29				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	121	40	5	65.9%	4.4%	56.5%	73.7%
1-2	76	22	1	46.5%	4.7%	37.2%	55.3%
2-3	53	14	2	34.0%	4.4%	25.5%	42.7%
3-4	37	6	0	28.5%	4.3%	20.5%	37.0%
4-5	31	2	1	26.7%	4.2%	18.9%	35.1%
5-	28	3	25				

## Surgical curability, histologically confirmed

### Colon cancer, surgical cases

#### Curability A (cur A)

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3004	83	49	97.2%	0.3%	96.6%	97.8%
1-2	2872	128	165	92.8%	0.5%	91.8%	93.6%
2-3	2579	93	117	89.3%	0.6%	88.1%	90.4%
3-4	2369	93	109	85.8%	0.7%	84.4%	87.0%
4-5	2167	84	168	82.3%	0.7%	80.8%	83.7%
5-	1915	88	1827				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1778	55	32	96.9%	0.4%	96.0%	97.6%
1-2	1691	78	104	92.3%	0.6%	90.9%	93.4%
2-3	1509	66	72	88.1%	0.8%	86.5%	89.6%
3-4	1371	62	64	84.1%	0.9%	82.2%	85.8%
4-5	1245	52	99	80.4%	1.0%	78.3%	82.3%
5-	1094	50	1044				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1225	28	17	97.7%	0.4%	96.7%	98.4%
1-2	1180	50	61	93.5%	0.7%	91.9%	94.7%
2-3	1069	27	45	91.0%	0.8%	89.3%	92.5%
3-4	997	31	45	88.2%	1.0%	86.1%	89.9%
4-5	921	32	69	85.0%	1.1%	82.7%	87.0%
5-	820	38	782				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## Curability B (cur B)

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	220	16	6	92.6%	1.8%	88.2%	95.4%
1-2	198	32	8	77.2%	2.9%	70.8%	82.3%
2-3	158	28	7	63.1%	3.4%	56.1%	69.3%
3-4	123	21	5	52.0%	3.6%	44.8%	58.7%
4-5	97	4	6	49.8%	3.6%	42.6%	56.6%
5-	87	10	77				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	130	8	5	93.6%	2.2%	87.7%	96.8%
1-2	117	21	6	76.2%	3.9%	67.5%	82.8%
2-3	90	20	5	58.8%	4.5%	49.3%	67.0%
3-4	65	10	5	49.2%	4.7%	39.7%	58.0%
4-5	50	2	1	47.2%	4.7%	37.7%	56.1%
5-	47	3	44				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	90	8	1	91.1%	3.0%	82.9%	95.4%
1-2	81	11	2	78.5%	4.4%	68.3%	85.7%
2-3	68	8	2	69.0%	5.0%	58.2%	77.6%
3-4	58	11	0	56.0%	5.4%	44.8%	65.7%
4-5	47	2	5	53.5%	5.4%	42.4%	63.4%
5-	40	7	33				

# Surgical curability, histologically confirmed

## Colon cancer, surgical cases

### Curability C (cur C)

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	485	211	19	55.4%	2.3%	50.7%	59.7%
1-2	255	109	11	31.1%	2.2%	26.9%	35.3%
2-3	135	50	3	19.4%	1.9%	15.9%	23.2%
3-4	82	14	3	16.1%	1.8%	12.8%	19.7%
4-5	65	6	5	14.5%	1.7%	11.4%	18.0%
5-	54	5	49				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	281	115	11	57.9%	3.0%	51.7%	63.5%
1-2	155	67	8	32.1%	2.9%	26.6%	37.8%
2-3	80	34	1	18.5%	2.4%	14.0%	23.4%
3-4	45	8	1	15.2%	2.3%	11.1%	19.9%
4-5	36	6	3	12.5%	2.1%	8.8%	17.0%
5-	27	1	26				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	204	96	8	52.0%	3.6%	44.8%	58.6%
1-2	100	42	3	29.7%	3.3%	23.4%	36.2%
2-3	55	16	2	20.8%	3.0%	15.3%	26.9%
3-4	37	6	2	17.4%	2.8%	12.3%	23.2%
4-5	29	0	2	17.4%	2.8%	12.3%	23.2%
5-	27	4	23				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## Surgical curability, histologically confirmed

### Rectal cancer, surgical cases

#### Curability A (cur A)

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1933	49	26	97.5%	0.4%	96.6%	98.1%
1-2	1858	85	91	92.9%	0.6%	91.6%	94.0%
2-3	1682	90	56	87.8%	0.8%	86.3%	89.3%
3-4	1536	71	59	83.7%	0.9%	81.9%	85.3%
4-5	1406	50	100	80.6%	0.9%	78.7%	82.4%
5-	1256	75	1181				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1219	31	16	97.4%	0.5%	96.4%	98.2%
1-2	1172	54	52	92.9%	0.8%	91.2%	94.2%
2-3	1066	61	43	87.4%	1.0%	85.4%	89.2%
3-4	962	48	40	83.0%	1.1%	80.7%	85.1%
4-5	874	28	58	80.2%	1.2%	77.8%	82.5%
5-	788	52	736				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	714	18	10	97.5%	0.6%	96.0%	98.4%
1-2	686	31	39	93.0%	1.0%	90.8%	94.6%
2-3	616	29	13	88.5%	1.2%	85.9%	90.7%
3-4	574	23	19	84.9%	1.4%	82.0%	87.4%
4-5	532	22	42	81.3%	1.5%	78.1%	84.1%
5-	468	23	445				

## Surgical curability, histologically confirmed

### Rectal cancer, surgical cases

#### Curability B (cur B)

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	172	19	1	88.9%	2.4%	83.2%	92.8%
1-2	152	22	5	75.9%	3.3%	68.7%	81.6%
2-3	125	33	4	55.7%	3.9%	47.8%	62.9%
3-4	88	8	3	50.5%	3.9%	42.7%	57.9%
4-5	77	7	4	45.7%	3.9%	37.9%	53.2%
5-	66	9	57				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	109	11	0	89.9%	2.9%	82.5%	94.3%
1-2	98	16	4	75.0%	4.2%	65.8%	82.2%
2-3	78	21	3	54.6%	4.9%	44.6%	63.5%
3-4	54	4	2	50.5%	4.9%	40.5%	59.6%
4-5	48	5	4	44.8%	5.0%	34.9%	54.2%
5-	39	6	33				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	63	8	1	87.2%	4.2%	76.1%	93.4%
1-2	54	6	1	77.3%	5.3%	64.8%	85.9%
2-3	47	12	1	57.6%	6.3%	44.3%	68.8%
3-4	34	4	1	50.7%	6.4%	37.6%	62.5%
4-5	29	2	0	47.2%	6.5%	34.2%	59.1%
5-	27	3	24				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error: 95% CI=95 percent confidence interval

## Curability C (cur C)

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	278	115	8	57.6%	3.0%	51.5%	63.2%
1-2	155	54	3	37.5%	3.0%	31.7%	43.2%
2-3	98	30	4	25.7%	2.7%	20.6%	31.1%
3-4	64	12	5	20.8%	2.5%	16.1%	26.0%
4-5	47	4	5	18.9%	2.5%	14.3%	23.9%
5-	38	1	37				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	175	77	4	55.2%	3.8%	47.4%	62.3%
1-2	94	32	3	36.3%	3.7%	29.1%	43.5%
2-3	59	19	3	24.3%	3.4%	18.0%	31.0%
3-4	37	8	3	18.9%	3.1%	13.3%	25.4%
4-5	26	3	2	16.6%	3.0%	11.2%	22.9%
5-	21	1	20				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	103	38	4	61.8%	4.9%	51.5%	70.5%
1-2	61	22	0	39.5%	4.9%	29.9%	49.0%
2-3	39	11	1	28.2%	4.5%	19.7%	37.2%
3-4	27	4	2	23.9%	4.3%	16.0%	32.8%
4-5	21	1	3	22.7%	4.3%	14.9%	31.5%
5-	17	0	17				

## Macroscopic lymph node status of N0 and depth of tumor invasion

### Colon cancer, surgical cases

N0 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	156	0	5	100.0%	.	.	.
1-2	151	0	8	100.0%	.	.	.
2-3	143	5	9	96.4%	1.6%	91.6%	98.5%
3-4	129	1	10	95.6%	1.8%	90.5%	98.0%
4-5	118	1	13	93.9%	2.1%	88.1%	96.9%
5-	104	2	102				

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	422	10	11	97.6%	0.8%	95.6%	98.7%
1-2	401	5	16	96.4%	0.9%	94.0%	97.8%
2-3	380	5	13	95.1%	1.1%	92.4%	96.8%
3-4	362	5	18	93.7%	1.2%	90.8%	95.7%
4-5	339	5	30	92.2%	1.4%	89.1%	94.5%
5-	304	11	293				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	253	5	5	98.0%	0.9%	95.3%	99.2%
1-2	243	8	16	94.7%	1.4%	91.1%	96.9%
2-3	219	7	9	91.7%	1.8%	87.3%	94.5%
3-4	203	3	3	90.3%	1.9%	85.7%	93.4%
4-5	197	4	15	88.4%	2.1%	83.5%	91.9%
5-	178	4	174				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	381	11	3	97.1%	0.9%	94.8%	98.4%
1-2	367	16	5	92.8%	1.3%	89.7%	95.0%
2-3	346	10	14	90.1%	1.5%	86.6%	92.8%
3-4	322	6	15	88.4%	1.7%	84.7%	91.3%
4-5	301	12	23	84.8%	1.9%	80.6%	88.1%
5-	266	14	252				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	239	13	4	94.5%	1.5%	90.8%	96.8%
1-2	222	7	6	91.5%	1.8%	87.1%	94.4%
2-3	209	10	14	86.9%	2.2%	81.8%	90.7%
3-4	185	5	12	84.5%	2.4%	79.1%	88.6%
4-5	168	7	15	80.9%	2.7%	75.0%	85.5%
5-	146	8	138				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	45	3	1	93.2%	3.8%	80.3%	97.8%
1-2	41	4	4	83.6%	5.7%	68.6%	91.8%
2-3	33	2	2	78.5%	6.4%	62.7%	88.2%
3-4	29	1	2	75.8%	6.7%	59.6%	86.2%
4-5	26	2	0	70.0%	7.4%	53.0%	81.8%
5-	24	2	22				

Macroscopic lymph node status of N1 and depth of tumor invasion

Colon cancer, surgical cases

N1 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	0	0	100.0%	.	.	.
1-2	10	0	0	100.0%	.	.	.
2-3	10	0	0	100.0%	.	.	.
3-4	10	1	1	88.9%	10.5%	43.3%	98.4%
4-5	8	0	0	88.9%	10.5%	43.3%	98.4%
5-	8	1	7				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	66	0	0	100.0%	.	.	.
1-2	66	1	4	98.4%	1.6%	89.1%	99.8%
2-3	61	3	3	93.5%	3.2%	83.6%	97.5%
3-4	55	3	3	88.3%	4.2%	77.0%	94.3%
4-5	49	1	4	86.4%	4.5%	74.6%	93.0%
5-	44	4	40				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	308	6	3	98.0%	0.8%	95.7%	99.1%
1-2	299	10	10	94.7%	1.3%	91.5%	96.7%
2-3	279	16	8	89.2%	1.8%	85.1%	92.2%
3-4	255	13	11	84.6%	2.1%	79.9%	88.3%
4-5	231	14	18	79.2%	2.4%	74.0%	83.5%
5-	199	5	194				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	408	12	8	97.0%	0.8%	94.8%	98.3%
1-2	388	31	18	89.1%	1.6%	85.6%	91.8%
2-3	339	13	24	85.6%	1.8%	81.7%	88.7%
3-4	302	19	13	80.1%	2.1%	75.7%	83.8%
4-5	270	19	16	74.3%	2.3%	69.5%	78.5%
5-	235	18	217				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	116	9	2	92.2%	2.5%	85.6%	95.9%
1-2	105	10	2	83.4%	3.5%	75.2%	89.1%
2-3	93	9	2	75.2%	4.1%	66.2%	82.2%
3-4	82	9	3	66.9%	4.5%	57.3%	74.8%
4-5	70	2	7	64.8%	4.6%	55.1%	73.0%
5-	61	5	56				

## Macroscopic lymph node status of N2 and depth of tumor invasion

### Colon cancer, surgical cases

N2 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2	0	0	100.0%	.	.	.
1-2	2	0	0	100.0%	.	.	.
2-3	2	0	0	100.0%	.	.	.
3-4	2	0	0	100.0%	.	.	.
4-5	2	0	0	100.0%	.	.	.
5-	2	0	2				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	2	1	78.8%	13.4%	38.1%	94.3%
1-2	7	0	0	78.8%	13.4%	38.1%	94.3%
2-3	7	0	0	78.8%	13.4%	38.1%	94.3%
3-4	7	0	0	78.8%	13.4%	38.1%	94.3%
4-5	7	0	1	78.8%	13.4%	38.1%	94.3%
5-	6	1	5				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	107	4	0	96.3%	1.8%	90.4%	98.6%
1-2	103	3	4	93.4%	2.4%	86.7%	96.8%
2-3	96	3	6	90.4%	2.9%	82.9%	94.7%
3-4	87	7	2	83.0%	3.8%	74.1%	89.1%
4-5	78	3	8	79.6%	4.1%	70.1%	86.4%
5-	67	3	64				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	172	4	2	97.7%	1.2%	93.9%	99.1%
1-2	166	17	6	87.5%	2.6%	81.4%	91.6%
2-3	143	9	8	81.7%	3.0%	74.9%	86.9%
3-4	126	7	4	77.1%	3.3%	69.8%	82.9%
4-5	115	5	7	73.6%	3.5%	66.0%	79.8%
5-	103	3	100				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	70	4	0	94.3%	2.8%	85.5%	97.8%
1-2	66	6	3	85.4%	4.3%	74.6%	91.9%
2-3	57	5	4	77.8%	5.1%	65.9%	86.0%
3-4	48	7	4	66.1%	5.9%	53.1%	76.3%
4-5	37	2	2	62.6%	6.1%	49.4%	73.2%
5-	33	2	31				

Macroscopic lymph node status of N3 and depth of tumor invasion

Colon cancer, surgical cases

N3 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	14	0	0	100.0%	.	.	.
1-2	14	0	0	100.0%	.	.	.
2-3	14	1	0	92.9%	6.9%	59.1%	99.0%
3-4	13	0	1	92.9%	6.9%	59.1%	99.0%
4-5	12	1	0	85.1%	9.7%	52.3%	96.1%
5-	11	1	10				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	29	0	1	100.0%	.	.	.
1-2	28	5	2	81.4%	7.5%	60.9%	91.8%
2-3	21	2	0	73.7%	8.6%	52.5%	86.5%
3-4	19	2	0	65.9%	9.3%	44.6%	80.6%
4-5	17	0	2	65.9%	9.3%	44.6%	80.6%
5-	15	0	15				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	25	1	1	95.8%	4.1%	73.9%	99.4%
1-2	23	2	1	87.1%	7.0%	65.2%	95.7%
2-3	20	2	1	78.4%	8.6%	55.7%	90.4%
3-4	17	1	0	73.8%	9.2%	50.7%	87.3%
4-5	16	0	5	73.8%	9.2%	50.7%	87.3%
5-	11	0	11				

Macroscopic lymph node status of N4 and depth of tumor invasion

Colon cancer, surgical cases

N4 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	3	0	0	100.0%	.	. .
1-2	3	0	0	100.0%	.	. .
2-3	3	0	0	100.0%	.	. .
3-4	3	0	0	100.0%	.	. .
4-5	3	0	0	100.0%	.	. .
5-	3	0	3			

Year=Year after treatment: Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error: 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	5	1	0	80.0%	17.9%	20.4%	96.9%
1-2	4	3	0	20.0%	17.9%	0.8%	58.2%
2-3	1	0	0	20.0%	17.9%	0.8%	58.2%
3-4	1	0	0	20.0%	17.9%	0.8%	58.2%
4-5	1	0	0	20.0%	17.9%	0.8%	58.2%
5-	1	0	1				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	16	1	0	93.8%	6.1%	63.2%	99.1%
1-2	15	3	2	72.1%	11.9%	41.5%	88.6%
2-3	10	4	0	43.3%	13.3%	18.0%	66.4%
3-4	6	1	0	36.1%	12.9%	13.2%	59.8%
4-5	5	0	0	36.1%	12.9%	13.2%	59.8%
5-	5	1	4				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	13	4	1	66.7%	13.6%	33.7%	86.0%
1-2	8	0	0	66.7%	13.6%	33.7%	86.0%
2-3	8	3	0	41.7%	14.2%	15.3%	66.5%
3-4	5	0	0	41.7%	14.2%	15.3%	66.5%
4-5	5	0	1	41.7%	14.2%	15.3%	66.5%
5-	4	0	4				

## Macroscopic lymph node status of N0 and depth of tumor invasion

### Rectal cancer, surgical cases

N0 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	85	3	0	96.5%	2.0%	89.5%	98.9%
1-2	82	0	3	96.5%	2.0%	89.5%	98.9%
2-3	79	3	4	92.6%	2.9%	84.3%	96.6%
3-4	72	1	5	91.3%	3.1%	82.7%	95.8%
4-5	66	1	6	89.8%	3.4%	80.6%	94.8%
5-	59	1	58				

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	218	0	1	100.0%	.	.	.
1-2	217	3	6	98.6%	0.8%	95.7%	99.5%
2-3	208	5	3	96.2%	1.3%	92.5%	98.1%
3-4	200	3	8	94.7%	1.6%	90.7%	97.0%
4-5	189	2	9	93.7%	1.7%	89.4%	96.3%
5-	178	7	171				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	258	6	3	97.7%	0.9%	94.9%	98.9%
1-2	249	4	5	96.1%	1.2%	92.9%	97.9%
2-3	240	12	10	91.1%	1.8%	86.9%	94.1%
3-4	218	6	8	88.6%	2.0%	83.9%	92.0%
4-5	204	7	14	85.4%	2.3%	80.3%	89.3%
5-	183	6	177				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	266	6	4	97.7%	0.9%	95.0%	99.0%
1-2	256	7	7	95.0%	1.3%	91.6%	97.1%
2-3	242	9	7	91.5%	1.7%	87.3%	94.3%
3-4	226	12	14	86.4%	2.2%	81.5%	90.1%
4-5	200	7	20	83.2%	2.4%	77.9%	87.4%
5-	173	14	159				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	166	4	0	97.6%	1.2%	93.7%	99.1%
1-2	162	12	3	90.3%	2.3%	84.7%	94.0%
2-3	147	8	5	85.3%	2.8%	78.9%	89.9%
3-4	134	7	1	80.8%	3.1%	73.9%	86.1%
4-5	126	5	5	77.6%	3.3%	70.3%	83.3%
5-	116	13	103				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	32	2	0	93.8%	4.3%	77.3%	98.4%
1-2	30	4	1	81.3%	6.9%	63.0%	91.1%
2-3	25	1	0	78.0%	7.4%	59.3%	88.9%
3-4	24	5	0	61.8%	8.7%	42.5%	76.2%
4-5	19	0	2	61.8%	8.7%	42.5%	76.2%
5-	17	1	16				

## Macroscopic lymph node status of N1 and depth of tumor invasion

### Rectal cancer, surgical cases

N1 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	11	0	1	100.0%	.	.	.
1-2	10	1	0	90.0%	9.5%	47.3%	98.5%
2-3	9	1	0	80.0%	12.7%	40.9%	94.6%
3-4	8	3	1	50.0%	15.8%	18.4%	75.3%
4-5	4	0	0	50.0%	15.8%	18.4%	75.3%
5-	4	0	4				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	58	2	1	96.6%	2.4%	86.9%	99.1%
1-2	55	4	2	89.4%	4.1%	77.8%	95.1%
2-3	49	2	5	85.5%	4.8%	73.1%	92.5%
3-4	42	3	2	79.2%	5.6%	65.4%	88.0%
4-5	37	4	2	70.3%	6.5%	55.3%	81.0%
5-	31	1	30				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	198	7	4	96.4%	1.3%	92.6%	98.3%
1-2	187	9	4	91.8%	2.0%	86.9%	94.9%
2-3	174	13	8	84.7%	2.6%	78.8%	89.1%
3-4	153	8	5	80.3%	2.9%	73.8%	85.3%
4-5	140	8	9	75.5%	3.2%	68.6%	81.1%
5-	123	8	115				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	278	17	3	93.9%	1.4%	90.3%	96.1%
1-2	258	26	4	84.3%	2.2%	79.4%	88.1%
2-3	228	28	6	73.8%	2.7%	68.1%	78.6%
3-4	194	15	9	68.0%	2.9%	62.0%	73.2%
4-5	170	7	12	65.1%	2.9%	59.0%	70.5%
5-	151	9	142				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	48	4	0	91.7%	4.0%	79.3%	96.8%
1-2	44	5	1	81.2%	5.7%	66.9%	89.7%
2-3	38	7	1	66.1%	6.9%	50.8%	77.7%
3-4	30	3	1	59.5%	7.2%	44.1%	72.0%
4-5	26	0	3	59.5%	7.2%	44.1%	72.0%
5-	23	1	22				

## Macroscopic lymph node status of N2 and depth of tumor invasion

### Rectal cancer, surgical cases

N2 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2	0	0	100.0%	.	.	.
1-2	2	0	0	100.0%	.	.	.
2-3	2	0	0	100.0%	.	.	.
3-4	2	0	0	100.0%	.	.	.
4-5	2	0	0	100.0%	.	.	.
5-	2	1	1				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	0	0	100.0%	.	.	.
1-2	10	0	0	100.0%	.	.	.
2-3	10	0	0	100.0%	.	.	.
3-4	10	1	1	88.9%	10.5%	43.3%	98.4%
4-5	8	0	0	88.9%	10.5%	43.3%	98.4%
5-	8	0	8				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	46	1	1	97.8%	2.2%	85.6%	99.7%
1-2	44	5	2	86.6%	5.1%	72.6%	93.8%
2-3	37	3	1	79.4%	6.1%	64.2%	88.8%
3-4	33	3	1	72.1%	6.9%	56.0%	83.1%
4-5	29	2	2	67.1%	7.3%	50.7%	79.1%
5-	25	3	22				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	87	8	4	90.5%	3.2%	81.9%	95.1%
1-2	75	6	1	83.2%	4.1%	73.3%	89.7%
2-3	68	10	4	70.7%	5.0%	59.5%	79.3%
3-4	54	3	3	66.7%	5.3%	55.3%	75.9%
4-5	48	2	2	63.9%	5.4%	52.3%	73.4%
5-	44	4	40				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	31	6	1	80.1%	7.3%	60.9%	90.5%
1-2	24	3	0	70.1%	8.4%	50.4%	83.2%
2-3	21	3	2	59.3%	9.1%	39.5%	74.6%
3-4	16	1	0	55.6%	9.3%	36.0%	71.4%
4-5	15	2	0	48.2%	9.4%	29.2%	64.9%
5-	13	0	13				

Macroscopic lymph node status of N3 and depth of tumor invasion

Rectal cancer, surgical cases

N3 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

MP

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	6	0	0	100.0%	.	.	.
1-2	6	0	0	100.0%	.	.	.
2-3	6	2	0	66.7%	19.3%	19.5%	90.4%
3-4	4	1	0	50.0%	20.4%	11.1%	80.4%
4-5	3	1	0	33.3%	19.3%	4.6%	67.6%
5-	2	0	2				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	24	2	0	91.7%	5.6%	70.6%	97.9%
1-2	22	3	1	78.6%	8.5%	55.9%	90.5%
2-3	18	2	0	69.8%	9.5%	46.9%	84.4%
3-4	16	1	1	65.2%	10.0%	42.2%	80.9%
4-5	14	1	3	60.5%	10.3%	37.7%	77.2%
5-	10	0	10				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	15	2	0	86.7%	8.8%	56.4%	96.5%
1-2	13	2	0	73.3%	11.4%	43.6%	89.1%
2-3	11	2	0	60.0%	12.7%	31.8%	79.7%
3-4	9	1	1	52.5%	13.1%	25.2%	74.0%
4-5	7	0	1	52.5%	13.1%	25.2%	74.0%
5-	6	0	6				

Macroscopic lymph node status of N4 and depth of tumor invasion

Rectal cancer, surgical cases

N4 & P0, H0, M (-)

M

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

SM

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	1	1	0	0.0%	.	. .
1-2				.	.	. .
2-3				.	.	. .
3-4				.	.	. .
4-5				.	.	. .
5-						

MP

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## SS/A1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	4	0	0	100.0%	.	.	.
1-2	4	1	0	75.0%	21.7%	12.8%	96.1%
2-3	3	1	0	50.0%	25.0%	5.8%	84.5%
3-4	2	0	0	50.0%	25.0%	5.8%	84.5%
4-5	2	1	0	25.0%	21.7%	0.9%	66.5%
5-	1	0	1				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	9	2	0	77.8%	13.9%	36.5%	93.9%
1-2	7	1	0	66.7%	15.7%	28.2%	87.8%
2-3	6	0	0	66.7%	15.7%	28.2%	87.8%
3-4	6	2	0	44.4%	16.6%	13.6%	71.9%
4-5	4	0	0	44.4%	16.6%	13.6%	71.9%
5-	4	0	4				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	9	3	0	66.7%	15.7%	28.2%	87.8%
1-2	6	3	0	33.3%	15.7%	7.8%	62.3%
2-3	3	0	0	33.3%	15.7%	7.8%	62.3%
3-4	3	0	0	33.3%	15.7%	7.8%	62.3%
4-5	3	0	0	33.3%	15.7%	7.8%	62.3%
5-	3	0	3				

## Microscopic lymph node status of n0 and depth of tumor invasion

### Colon cancer, surgical cases

n0 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	225	0	12	100.0%	.	.	.
1-2	213	1	13	99.5%	0.5%	96.6%	99.9%
2-3	199	4	8	97.5%	1.1%	94.1%	99.0%
3-4	187	1	9	96.9%	1.2%	93.3%	98.6%
4-5	177	2	17	95.8%	1.5%	91.8%	97.9%
5-	158	2	156				

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	371	11	9	97.0%	0.9%	94.6%	98.3%
1-2	351	2	12	96.4%	1.0%	93.9%	97.9%
2-3	337	5	14	95.0%	1.2%	92.1%	96.8%
3-4	318	5	17	93.4%	1.3%	90.3%	95.6%
4-5	296	5	27	91.4%	1.5%	87.9%	94.0%
5-	264	8	256				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	276	6	6	97.8%	0.9%	95.2%	99.0%
1-2	264	9	14	94.4%	1.4%	90.9%	96.6%
2-3	241	4	13	92.8%	1.6%	89.0%	95.4%
3-4	224	4	8	91.1%	1.8%	87.0%	94.0%
4-5	212	4	19	89.3%	2.0%	84.8%	92.6%
5-	189	8	181				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	814	25	5	96.9%	0.6%	95.5%	97.9%
1-2	784	28	23	93.4%	0.9%	91.5%	94.9%
2-3	733	29	35	89.6%	1.1%	87.3%	91.6%
3-4	669	14	27	87.7%	1.2%	85.2%	89.9%
4-5	628	24	43	84.3%	1.3%	81.5%	86.7%
5-	561	20	541				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	236	6	5	97.4%	1.0%	94.4%	98.8%
1-2	225	15	9	90.8%	1.9%	86.3%	93.9%
2-3	201	11	12	85.7%	2.4%	80.3%	89.6%
3-4	178	9	13	81.1%	2.7%	75.2%	85.8%
4-5	156	5	13	78.5%	2.8%	72.3%	83.5%
5-	138	10	128				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	67	2	1	97.0%	2.1%	88.6%	99.2%
1-2	64	5	5	89.1%	3.9%	78.5%	94.7%
2-3	54	3	1	84.2%	4.6%	72.5%	91.2%
3-4	50	5	2	75.5%	5.5%	62.6%	84.5%
4-5	43	2	3	71.9%	5.8%	58.6%	81.5%
5-	38	5	33				

Microscopic lymph node status of n1 and depth of tumor invasion

Colon cancer, surgical cases

n1 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1	0	0	100.0%	.	.	.
1-2	1	0	0	100.0%	.	.	.
2-3	1	0	0	100.0%	.	.	.
3-4	1	0	0	100.0%	.	.	.
4-5	1	0	0	100.0%	.	.	.
5-	1	0	1				

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	30	1	0	96.7%	3.3%	78.6%	99.5%
1-2	29	1	0	93.3%	4.6%	75.9%	98.3%
2-3	28	1	1	89.9%	5.5%	71.8%	96.6%
3-4	26	1	3	86.1%	6.5%	67.1%	94.6%
4-5	22	0	3	86.1%	6.5%	67.1%	94.6%
5-	19	2	17				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	48	0	1	100.0%	.	.	.
1-2	47	2	1	95.7%	3.0%	83.7%	98.9%
2-3	44	3	2	89.1%	4.6%	75.7%	95.3%
3-4	39	1	1	86.8%	5.0%	72.9%	93.8%
4-5	37	2	1	82.1%	5.8%	67.3%	90.6%
5-	34	2	32				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	287	8	2	97.2%	1.0%	94.5%	98.6%
1-2	277	12	11	92.9%	1.5%	89.3%	95.4%
2-3	254	13	7	88.1%	2.0%	83.7%	91.4%
3-4	234	18	13	81.2%	2.4%	76.0%	85.4%
4-5	203	11	16	76.6%	2.6%	71.0%	81.3%
5-	176	6	170				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	167	12	4	92.7%	2.0%	87.5%	95.8%
1-2	151	12	10	85.0%	2.8%	78.4%	89.7%
2-3	129	11	9	77.4%	3.4%	70.0%	83.3%
3-4	109	11	7	69.6%	3.8%	61.5%	76.3%
4-5	91	7	7	63.9%	4.0%	55.5%	71.2%
5-	77	13	64				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	33	2	0	93.9%	4.2%	77.9%	98.5%
1-2	31	5	0	78.8%	7.1%	60.6%	89.3%
2-3	26	2	0	72.7%	7.8%	54.1%	84.8%
3-4	24	1	2	69.7%	8.0%	51.0%	82.4%
4-5	21	1	3	66.2%	8.3%	47.3%	79.7%
5-	17	0	17				

## Microscopic lymph node status of n2 and depth of tumor invasion

### Colon cancer, surgical cases

n2 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	7	0	0	100.0%	.	.	.
1-2	7	0	0	100.0%	.	.	.
2-3	7	1	0	85.7%	13.2%	33.4%	97.9%
3-4	6	0	0	85.7%	13.2%	33.4%	97.9%
4-5	6	0	1	85.7%	13.2%	33.4%	97.9%
5-	5	0	5				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	18	0	1	100.0%	.	.	.
1-2	17	1	2	90.9%	8.7%	50.8%	98.7%
2-3	14	1	0	81.8%	11.6%	44.7%	95.1%
3-4	13	1	0	72.7%	13.4%	37.1%	90.3%
4-5	12	1	11	72.7%	13.4%	37.1%	90.3%
5-							

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	129	1	3	99.2%	0.8%	94.5%	99.9%
1-2	125	16	2	86.3%	3.1%	78.9%	91.3%
2-3	107	5	3	82.2%	3.4%	74.3%	87.9%
3-4	99	10	4	73.8%	4.0%	65.0%	80.7%
4-5	85	9	9	65.2%	4.4%	55.8%	73.1%
5-	67	5	62				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	79	5	2	93.6%	2.8%	85.4%	97.3%
1-2	72	5	3	87.0%	3.8%	77.2%	92.8%
2-3	64	3	4	82.7%	4.4%	72.0%	89.6%
3-4	57	7	1	72.5%	5.3%	60.6%	81.3%
4-5	49	5	3	64.8%	5.7%	52.4%	74.7%
5-	41	3	38				

n2 & si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	17	2	0	88.2%	7.8%	60.6%	96.9%
1-2	15	3	1	69.7%	11.4%	41.7%	86.2%
2-3	11	1	3	62.7%	12.2%	34.8%	81.4%
3-4	7	1	1	53.8%	13.3%	25.7%	75.3%
4-5	5	0	0	53.8%	13.3%	25.7%	75.3%
5-	5	0	5				

Microscopic lymph node status of n3 and depth of tumor invasion

Colon cancer, surgical cases

n3 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

mp

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	26	1	0	96.2%	3.8%	75.7%	99.5%
1-2	25	2	0	88.5%	6.3%	68.4%	96.1%
2-3	23	2	1	80.8%	7.7%	59.8%	91.5%
3-4	20	1	0	76.7%	8.3%	55.4%	88.8%
4-5	19	1	1	72.5%	8.9%	50.7%	85.9%
5-	17	1	16				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	20	2	0	90.0%	6.7%	65.6%	97.4%
1-2	18	5	0	65.0%	10.7%	40.3%	81.5%
2-3	13	2	1	55.0%	11.1%	31.3%	73.5%
3-4	10	1	0	49.5%	11.3%	26.5%	68.9%
4-5	9	0	0	49.5%	11.3%	26.5%	68.9%
5-	9	0	9				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3	1	1	50.0%	35.4%	0.6%	91.0%
1-2	1	1	0	0.0%	.	.	.
2-3				.	.	.	.
3-4				.	.	.	.
4-5				.	.	.	.
5-							

Microscopic lymph node status of n4 and depth of tumor invasion

Colon cancer, surgical cases

n4 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

mp

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	9	0	0	100.0%	.	.	.
1-2	9	3	1	62.5%	17.1%	22.9%	86.1%
2-3	5	1	0	50.0%	17.7%	15.2%	77.5%
3-4	4	0	0	50.0%	17.7%	15.2%	77.5%
4-5	4	0	0	50.0%	17.7%	15.2%	77.5%
5-	4	0	4				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	12	4	0	66.7%	13.6%	33.7%	86.0%
1-2	8	2	0	50.0%	14.4%	20.9%	73.6%
2-3	6	4	0	16.7%	10.8%	2.7%	41.3%
3-4	2	0	2	16.7%	10.8%	2.7%	41.3%
4-5				16.7%	10.8%	2.7%	41.3%
5-							

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	6	1	1	80.0%	17.9%	20.4%	96.9%
1-2	4	1	0	60.0%	21.9%	12.6%	88.2%
2-3	3	2	0	20.0%	17.9%	0.8%	58.2%
3-4	1	0	0	20.0%	17.9%	0.8%	58.2%
4-5	1	0	1	.	.	.	.
5-							

## Microscopic lymph node status of n0 and depth of tumor invasion

### Rectal cancer, surgical cases

n0 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	83	3	1	96.3%	2.1%	89.1%	98.8%
1-2	79	0	2	96.3%	2.1%	89.1%	98.8%
2-3	77	3	4	92.4%	3.0%	83.9%	96.5%
3-4	70	1	3	91.1%	3.2%	82.2%	95.7%
4-5	66	1	5	89.6%	3.5%	80.3%	94.7%
5-	60	1	59				

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	205	1	3	99.5%	0.5%	96.6%	99.9%
1-2	201	4	8	97.5%	1.1%	94.0%	98.9%
2-3	189	2	5	96.4%	1.3%	92.7%	98.3%
3-4	182	3	9	94.8%	1.6%	90.5%	97.2%
4-5	170	1	9	94.2%	1.7%	89.8%	96.8%
5-	160	5	155				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	275	8	2	97.1%	1.0%	94.3%	98.5%
1-2	265	4	4	95.6%	1.2%	92.4%	97.5%
2-3	257	9	9	92.2%	1.6%	88.3%	94.8%
3-4	239	10	9	88.3%	2.0%	83.7%	91.6%
4-5	220	5	10	86.2%	2.1%	81.4%	89.9%
5-	205	10	195				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	343	7	8	97.9%	0.8%	95.7%	99.0%
1-2	328	8	11	95.5%	1.1%	92.7%	97.3%
2-3	309	12	14	91.7%	1.5%	88.2%	94.3%
3-4	283	10	11	88.4%	1.8%	84.4%	91.5%
4-5	262	8	24	85.6%	2.0%	81.1%	89.0%
5-	230	14	216				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	183	5	0	97.3%	1.2%	93.6%	98.9%
1-2	178	16	2	88.5%	2.4%	82.9%	92.3%
2-3	160	14	4	80.6%	2.9%	74.1%	85.7%
3-4	142	12	8	73.6%	3.3%	66.5%	79.5%
4-5	122	5	11	70.5%	3.5%	63.1%	76.7%
5-	106	5	101				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	33	2	0	93.9%	4.2%	77.9%	98.5%
1-2	31	4	1	81.8%	6.7%	63.9%	91.4%
2-3	26	2	2	75.1%	7.7%	56.3%	86.7%
3-4	22	3	0	64.9%	8.6%	45.5%	78.9%
4-5	19	0	1	64.9%	8.6%	45.5%	78.9%
5-	18	0	18				

Microscopic lymph node status of n1 and depth of tumor invasion

Rectal cancer, surgical cases

n1 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1	0	1	.	.	.	.
1-2				.	.	.	.
2-3				.	.	.	.
3-4				.	.	.	.
4-5				.	.	.	.
5-							

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	19	0	0	100.0%	.	.	.
1-2	19	1	1	94.4%	5.4%	66.6%	99.2%
2-3	17	1	0	88.9%	7.4%	62.4%	97.1%
3-4	16	2	2	76.6%	10.3%	48.8%	90.6%
4-5	12	0	2	76.6%	10.3%	48.8%	90.6%
5-	10	0	10				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	71	2	0	97.2%	2.0%	89.2%	99.3%
1-2	69	3	3	92.9%	3.1%	83.8%	97.0%
2-3	63	2	1	90.0%	3.6%	80.1%	95.1%
3-4	60	1	1	88.4%	3.9%	78.2%	94.1%
4-5	58	5	5	80.8%	4.8%	69.1%	88.4%
5-	48	2	46				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	202	10	1	95.0%	1.5%	91.0%	97.3%
1-2	191	12	4	89.0%	2.2%	83.8%	92.6%
2-3	175	17	6	80.2%	2.8%	73.9%	85.1%
3-4	152	9	4	75.4%	3.1%	68.7%	80.9%
4-5	139	9	6	70.4%	3.3%	63.4%	76.3%
5-	124	11	113				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	139	9	2	93.5%	2.1%	87.9%	96.6%
1-2	128	11	1	85.4%	3.0%	78.3%	90.3%
2-3	116	9	5	78.6%	3.5%	70.7%	84.6%
3-4	102	5	6	74.7%	3.8%	66.4%	81.2%
4-5	91	7	7	68.8%	4.1%	60.0%	76.0%
5-	77	9	68				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	27	2	1	92.4%	5.1%	73.0%	98.1%
1-2	24	6	1	68.6%	9.2%	46.8%	82.9%
2-3	17	3	0	56.5%	9.9%	35.3%	73.1%
3-4	14	1	2	52.2%	10.0%	31.3%	69.5%
4-5	11	0	1	52.2%	10.0%	31.3%	69.5%
5-	10	1	9				

Microscopic lymph node status of n2 and depth of tumor invasion

Rectal cancer, surgical cases

n2 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	0						
1-2							
2-3							
3-4							
4-5							
5-							

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	5	0	0	100.0%	.	.	.
1-2	5	0	0	100.0%	.	.	.
2-3	5	1	1	80.0%	17.9%	20.4%	96.9%
3-4	3	0	0	80.0%	17.9%	20.4%	96.9%
4-5	3	0	0	80.0%	17.9%	20.4%	96.9%
5-	3	1	2				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	14	0	0	100.0%	.	.	.
1-2	14	1	0	92.9%	6.9%	59.1%	99.0%
2-3	13	2	0	78.6%	11.0%	47.3%	92.5%
3-4	11	1	1	70.7%	12.4%	39.4%	87.9%
4-5	9	0	1	70.7%	12.4%	39.4%	87.9%
5-	8	0	8				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	63	2	2	96.8%	2.2%	87.7%	99.2%
1-2	59	6	2	86.8%	4.4%	75.3%	93.2%
2-3	51	8	1	73.0%	5.8%	59.7%	82.5%
3-4	42	5	0	64.3%	6.3%	50.6%	75.1%
4-5	37	1	1	62.5%	6.3%	48.8%	73.5%
5-	35	5	30				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	75	9	4	87.6%	3.9%	77.5%	93.3%
1-2	62	10	1	73.5%	5.2%	61.6%	82.2%
2-3	51	9	2	60.2%	5.9%	47.8%	70.6%
3-4	40	5	2	52.4%	6.1%	40.0%	63.5%
4-5	33	5	2	44.3%	6.1%	32.1%	55.7%
5-	26	4	22				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	0	0	100.0%	.	.	.
1-2	10	0	0	100.0%	.	.	.
2-3	10	3	0	70.0%	14.5%	32.9%	89.2%
3-4	7	2	1	50.0%	15.8%	18.4%	75.3%
4-5	4	0	1	50.0%	15.8%	18.4%	75.3%
5-	3	0	3				

Microscopic lymph node status of n3 and depth of tumor invasion

Rectal cancer, surgical cases

n3 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

mp

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	1	0	0	100.0%	.	. .
1-2	1	0	0	100.0%	.	. .
2-3	1	0	0	100.0%	.	. .
3-4	1	1	0	.	.	. .
4-5				.	.	. .
5-						

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	16	1	0	93.8%	6.1%	63.2%	99.1%
1-2	15	3	0	75.0%	10.8%	46.3%	89.8%
2-3	12	3	0	56.3%	12.4%	29.5%	76.2%
3-4	9	1	0	50.0%	12.5%	24.5%	71.1%
4-5	8	1	2	41.7%	12.9%	17.4%	64.6%
5-	5	0	5				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	16	2	0	87.5%	8.3%	58.6%	96.7%
1-2	14	3	0	68.8%	11.6%	40.5%	85.6%
2-3	11	3	1	50.0%	12.5%	24.5%	71.1%
3-4	7	1	0	42.9%	12.6%	18.8%	65.1%
4-5	6	1	0	35.7%	12.4%	13.7%	58.7%
5-	5	0	5				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	4	1	0	75.0%	21.7%	12.8%	96.1%
1-2	3	0	0	75.0%	21.7%	12.8%	96.1%
2-3	3	1	0	50.0%	25.0%	5.8%	84.5%
3-4	2	0	0	50.0%	25.0%	5.8%	84.5%
4-5	2	0	0	50.0%	25.0%	5.8%	84.5%
5-	2	0	2				

Microscopic lymph node status of n4 and depth of tumor invasion

Rectal cancer, surgical cases

n4 & P0, H0, M (-)

m

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

sm

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	0					
1-2						
2-3						
3-4						
4-5						
5-						

mp

Year	Alive	Died	Lost	SR	SE	95% CI
0-1	1	0	0	100.0%	.	. .
1-2	1	0	0	100.0%	.	. .
2-3	1	0	0	100.0%	.	. .
3-4	1	0	0	100.0%	.	. .
4-5	1	0	0	100.0%	.	. .
5-	1	0	1			

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

ss/al

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	12	2	0	83.3%	10.8%	48.2%	95.6%
1-2	10	2	0	66.7%	13.6%	33.7%	86.0%
2-3	8	2	0	50.0%	14.4%	20.9%	73.6%
3-4	6	1	0	41.7%	14.2%	15.3%	66.5%
4-5	5	0	0	41.7%	14.2%	15.3%	66.5%
5-	5	0	5				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	4	0	60.0%	15.5%	25.3%	82.7%
1-2	6	2	0	40.0%	15.5%	12.3%	67.0%
2-3	4	1	0	30.0%	14.5%	7.1%	57.8%
3-4	3	2	0	10.0%	9.5%	0.6%	35.8%
4-5	1	0	0	10.0%	9.5%	0.6%	35.8%
5-	1	0	1				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3	1	0	66.7%	27.2%	5.4%	94.5%
1-2	2	0	0	66.7%	27.2%	5.4%	94.5%
2-3	2	0	0	66.7%	27.2%	5.4%	94.5%
3-4	2	1	0	33.3%	27.2%	0.9%	77.4%
4-5	1	0	0	33.3%	27.2%	0.9%	77.4%
5-	1	0	1				

## Liver metastasis (synchronous)

### Colon cancer, surgical cases

H0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3329	160	60	95.2%	0.4%	94.4%	95.8%
1-2	3109	193	173	89.1%	0.6%	87.9%	90.1%
2-3	2743	134	121	84.6%	0.6%	83.3%	85.8%
3-4	2488	111	114	80.8%	0.7%	79.4%	82.1%
4-5	2263	90	176	77.4%	0.8%	75.9%	78.9%
5-	1997	94	1903				

H1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	119	21	5	81.7%	3.6%	73.4%	87.7%
1-2	93	23	5	60.5%	4.7%	50.8%	69.0%
2-3	65	9	2	51.9%	4.8%	42.2%	60.8%
3-4	54	12	2	40.3%	4.8%	31.0%	49.5%
4-5	40	0	2	40.3%	4.8%	31.0%	49.5%
5-	38	7	31				

H2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	67	23	4	63.8%	6.0%	50.7%	74.3%
1-2	40	14	5	40.2%	6.3%	27.9%	52.2%
2-3	21	7	2	25.9%	6.0%	15.2%	38.0%
3-4	12	3	0	19.4%	5.5%	10.0%	31.2%
4-5	9	2	0	15.1%	5.1%	6.9%	26.3%
5-	7	1	6				

H3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	230	138	7	38.8%	3.3%	32.4%	45.1%
1-2	85	37	2	21.8%	2.8%	16.6%	27.4%
2-3	46	21	0	11.8%	2.2%	7.9%	16.5%
3-4	25	6	0	9.0%	2.0%	5.6%	13.3%
4-5	19	1	1	8.5%	1.9%	5.3%	12.7%
5-	17	1	16				

# Liver metastasis (synchronous)

## Rectal cancer, surgical cases

H0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2168	114	28	94.7%	0.5%	93.7%	95.6%
1-2	2026	127	93	88.7%	0.7%	87.2%	89.9%
2-3	1806	127	59	82.3%	0.8%	80.6%	83.9%
3-4	1620	85	64	77.9%	0.9%	76.1%	79.7%
4-5	1471	58	103	74.7%	1.0%	72.8%	76.6%
5-	1310	78	1232				

H1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	69	13	3	80.4%	4.9%	68.7%	88.1%
1-2	53	8	1	68.1%	5.8%	55.4%	77.9%
2-3	44	13	2	47.8%	6.2%	35.3%	59.3%
3-4	29	3	0	42.9%	6.2%	30.7%	54.5%
4-5	26	1	2	41.1%	6.2%	29.0%	52.8%
5-	23	4	19				

H2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	42	16	1	61.1%	7.6%	44.5%	74.0%
1-2	25	11	0	34.2%	7.4%	20.3%	48.6%
2-3	14	4	0	24.4%	6.7%	12.7%	38.2%
3-4	10	0	1	24.4%	6.7%	12.7%	38.2%
4-5	9	1	0	21.7%	6.5%	10.6%	35.3%
5-	8	1	7				

H3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	113	65	4	40.8%	4.7%	31.5%	49.8%
1-2	44	22	2	20.3%	3.9%	13.3%	28.3%
2-3	20	11	1	8.6%	2.8%	4.1%	15.2%
3-4	8	2	0	6.5%	2.5%	2.7%	12.6%
4-5	6	0	1	6.5%	2.5%	2.7%	12.6%
5-	5	1	4				

## Peritoneal metastasis (synchronous)

### Colon cancer, surgical cases

P0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3519	218	67	93.7%	0.4%	92.9%	94.5%
1-2	3234	224	182	87.1%	0.6%	85.9%	88.1%
2-3	2828	155	126	82.2%	0.7%	80.9%	83.5%
3-4	2547	125	117	78.1%	0.7%	76.6%	79.5%
4-5	2305	89	179	74.9%	0.8%	73.4%	76.4%
5-	2037	100	1937				

P1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	74	30	2	58.9%	5.8%	46.7%	69.2%
1-2	42	15	1	37.8%	5.7%	26.8%	48.8%
2-3	26	7	0	27.7%	5.3%	17.8%	38.3%
3-4	19	5	0	20.4%	4.8%	11.9%	30.5%
4-5	14	3	0	16.0%	4.4%	8.6%	25.5%
5-	11	1	10				

P2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	58	22	3	61.0%	6.5%	47.0%	72.4%
1-2	33	15	1	32.6%	6.4%	20.6%	45.1%
2-3	17	5	0	23.0%	5.8%	12.8%	34.9%
3-4	12	2	0	19.2%	5.4%	9.9%	30.7%
4-5	10	1	0	17.2%	5.2%	8.5%	28.5%
5-	9	2	7				

P3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	101	67	5	30.8%	4.7%	21.8%	40.1%
1-2	29	15	1	14.3%	3.6%	8.1%	22.3%
2-3	13	6	0	7.7%	2.8%	3.4%	14.3%
3-4	7	1	0	7.7%	2.8%	3.4%	14.3%
4-5	6	0	6	6.6%	2.6%	2.7%	12.9%
5-							

# Peritoneal metastasis (synchronous)

## Rectal cancer, surgical cases

P0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2298	161	35	92.9%	0.5%	91.8%	93.9%
1-2	2102	157	96	85.9%	0.7%	84.4%	87.2%
2-3	1849	151	62	78.7%	0.9%	77.0%	80.4%
3-4	1636	90	64	74.3%	0.9%	72.4%	76.1%
4-5	1482	56	104	71.4%	1.0%	69.4%	73.3%
5-	1322	82	1240				

P1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	38	19	1	49.1%	8.2%	32.3%	63.8%
1-2	18	4	1	38.0%	8.0%	22.7%	53.2%
2-3	13	2	0	32.1%	7.8%	17.8%	47.3%
3-4	11	0	0	32.1%	7.8%	17.8%	47.3%
4-5	11	3	1	22.5%	7.2%	10.4%	37.5%
5-	7	0	7				

P2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	18	9	0	50.0%	11.8%	25.9%	70.1%
1-2	9	3	0	33.3%	11.1%	13.7%	54.5%
2-3	6	2	0	22.2%	9.8%	6.9%	42.9%
3-4	4	0	0	22.2%	9.8%	6.9%	42.9%
4-5	4	1	0	16.7%	8.8%	4.1%	36.5%
5-	3	1	2				

P3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	17	14	0	17.7%	9.3%	4.4%	38.3%
1-2	3	2	0	5.9%	5.7%	0.4%	23.5%
2-3	1	0	1	.	.	.	.
3-4				.	.	.	.
4-5				.	.	.	.
5-							

## Lung metastasis (synchronous)

### Colon cancer, surgical cases

#### LM0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3460	276	74	91.9%	0.5%	91.0%	92.8%
1-2	3110	232	117	84.9%	0.6%	83.7%	86.1%
2-3	2761	162	124	79.9%	0.7%	78.5%	81.2%
3-4	2475	127	116	75.7%	0.8%	74.2%	77.1%
4-5	2232	89	173	72.5%	0.8%	70.9%	74.0%
5-	1970	99	1871				

#### LM1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	35	14	2	59.1%	8.4%	40.8%	73.4%
1-2	19	4	1	46.2%	8.7%	28.8%	62.0%
2-3	14	1	1	42.9%	8.7%	25.9%	58.9%
3-4	12	0	0	42.9%	8.7%	25.9%	58.9%
4-5	12	1	0	39.4%	8.7%	22.7%	55.6%
5-	11	1	10				

#### LM2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	8	6	0	25.0%	15.3%	3.7%	55.8%
1-2	2	0	0	25.0%	15.3%	3.7%	55.8%
2-3	2	0	0	25.0%	15.3%	3.7%	55.8%
3-4	2	0	0	25.0%	15.3%	3.7%	55.8%
4-5	2	0	0	25.0%	15.3%	3.7%	55.8%
5-	2	0	2				

#### LM3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	24	17	0	29.2%	9.3%	13.0%	47.6%
1-2	7	4	0	12.5%	6.8%	3.1%	28.7%
2-3	3	2	0	4.2%	4.1%	0.3%	17.6%
3-4	1	0	0	4.2%	4.1%	0.3%	17.6%
4-5	1	0	0	4.2%	4.1%	0.3%	17.6%
5-	1	0	1				

# Lung metastasis (synchronous)

## Rectal cancer, surgical cases

### LM0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2215	185	31	91.6%	0.6%	90.3%	92.7%
1-2	1999	147	49	84.8%	0.8%	83.2%	86.2%
2-3	1803	146	62	77.8%	0.9%	76.0%	79.5%
3-4	1595	85	65	73.6%	1.0%	71.6%	75.4%
4-5	1445	58	97	70.5%	1.0%	68.5%	72.4%
5-	1290	80	1210				

### LM1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	21	6	1	70.6%	10.1%	45.8%	85.6%
1-2	14	8	0	30.3%	10.3%	12.4%	50.4%
2-3	6	1	0	25.2%	9.7%	9.2%	45.1%
3-4	5	1	0	20.2%	9.0%	6.3%	39.6%
4-5	4	0	1	20.2%	9.0%	6.3%	39.6%
5-	3	0	3				

### LM2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	12	5	2	50.9%	15.8%	19.0%	76.1%
1-2	5	3	0	20.4%	12.8%	3.2%	48.1%
2-3	2	0	0	20.4%	12.8%	3.2%	48.1%
3-4	2	1	1	.	.	.	.
4-5				.	.	.	.
5-							

### LM3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	7	2	0	71.4%	17.1%	25.8%	92.0%
1-2	5	1	1	57.1%	18.7%	17.2%	83.7%
2-3	3	2	0	19.1%	16.8%	0.9%	55.6%
3-4	1	1	0	0.0%	.	.	.
4-5				.	.	.	.
5-							

Distant metastasis (synchronous)

Colon cancer, surgical cases

M(-)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3636	297	77	91.7%	0.5%	90.8%	92.6%
1-2	3262	245	183	84.7%	0.6%	83.4%	85.8%
2-3	2834	169	126	79.5%	0.7%	78.1%	80.8%
3-4	2539	127	117	75.4%	0.7%	74.0%	76.9%
4-5	2295	93	177	72.2%	0.8%	70.7%	73.7%
5-	2025	102	1923				

M(+)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	38	24	0	36.8%	7.8%	22.0%	51.8%
1-2	14	6	1	21.1%	6.6%	9.9%	35.0%
2-3	7	1	0	18.1%	6.3%	7.8%	31.8%
3-4	6	1	0	15.0%	5.9%	5.8%	28.4%
4-5	5	0	1	15.0%	5.9%	5.8%	28.4%
5-	4	0	4				

## Distant metastasis (synchronous)

### Rectal cancer, surgical cases

M(-)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2338	193	34	91.7%	0.6%	90.5%	92.7%
1-2	2111	156	96	84.8%	0.8%	83.2%	86.2%
2-3	1859	150	63	77.8%	0.9%	76.0%	79.5%
3-4	1646	89	66	73.5%	0.9%	71.6%	75.3%
4-5	1491	58	101	70.6%	1.0%	68.6%	72.4%
5-	1332	82	1250				

M(+)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	25	9	2	62.0%	10.0%	39.6%	78.1%
1-2	14	3	1	48.7%	10.4%	27.6%	66.9%
2-3	10	0	1	48.7%	10.4%	27.6%	66.9%
3-4	9	1	0	43.3%	10.6%	22.7%	62.3%
4-5	8	1	1	37.9%	10.5%	18.2%	57.5%
5-	6	1	5				

## Endoscopic resection

### Colon cancer, treated by endoscopy alone

m

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	531	5	60	99.0%	0.5%	97.5%	99.6%
1-2	466	4	31	98.1%	0.6%	96.4%	99.0%
2-3	431	7	33	96.4%	0.9%	94.2%	97.8%
3-4	391	2	63	95.9%	1.0%	93.5%	97.4%
4-5	326	3	65	95.0%	1.1%	92.3%	96.7%
5-	258	7	251				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	369	4	42	98.8%	0.6%	96.9%	99.6%
1-2	323	3	18	97.9%	0.8%	95.6%	99.0%
2-3	302	2	20	97.2%	0.9%	94.7%	98.5%
3-4	280	2	42	96.4%	1.1%	93.6%	98.0%
4-5	236	1	46	96.0%	1.1%	93.0%	97.7%
5-	189	7	182				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	159	1	17	99.3%	0.7%	95.1%	99.9%
1-2	141	1	13	98.6%	1.0%	94.4%	99.6%
2-3	127	5	13	94.5%	2.0%	88.7%	97.3%
3-4	109	0	21	94.5%	2.0%	88.7%	97.3%
4-5	88	2	18	92.3%	2.5%	85.5%	95.9%
5-	68	0	68				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year;  
 Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95%  
 CI=95 percent confidence interval

sm

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	48	0	3	100.0%	.	.	.
1-2	45	0	7	100.0%	.	.	.
2-3	38	0	5	100.0%	.	.	.
3-4	33	1	1	96.9%	3.1%	79.8%	99.6%
4-5	31	0	6	96.9%	3.1%	79.8%	99.6%
5-	25	3	22				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	33	0	2	100.0%	.	.	.
1-2	31	0	5	100.0%	.	.	.
2-3	26	0	3	100.0%	.	.	.
3-4	23	0	0	100.0%	.	.	.
4-5	23	0	4	100.0%	.	.	.
5-	19	2	17				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	15	0	1	100.0%	.	.	.
1-2	14	0	2	100.0%	.	.	.
2-3	12	0	2	100.0%	.	.	.
3-4	10	1	1	88.9%	10.5%	43.3%	98.4%
4-5	8	0	2	88.9%	10.5%	43.3%	98.4%
5-	6	1	5				

## Endoscopic resection

### Rectal cancer, treated by endoscopy alone

m

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	130	0	17	100.0%	.	.	.
1-2	113	1	8	99.1%	0.9%	93.6%	99.9%
2-3	104	1	13	98.1%	1.4%	92.5%	99.5%
3-4	90	5	11	92.2%	2.9%	84.3%	96.2%
4-5	74	0	23	92.2%	2.9%	84.3%	96.2%
5-	51	0	51				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	80	0	12	100.0%	.	.	.
1-2	68	0	4	100.0%	.	.	.
2-3	64	0	6	100.0%	.	.	.
3-4	58	5	8	90.5%	4.1%	78.6%	95.9%
4-5	45	0	14	90.5%	4.1%	78.6%	95.9%
5-	31	0	31				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	50	0	5	100.0%	.	.	.
1-2	45	1	4	97.6%	2.4%	84.3%	99.7%
2-3	40	1	7	95.0%	3.5%	81.3%	98.7%
3-4	32	0	3	95.0%	3.5%	81.3%	98.7%
4-5	29	0	9	95.0%	3.5%	81.3%	98.7%
5-	20	0	20				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

sm

# Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	26	0	5	100.0%	.	.	.
1-2	21	0	1	100.0%	.	.	.
2-3	20	0	1	100.0%	.	.	.
3-4	19	1	5	93.8%	6.1%	63.2%	99.1%
4-5	13	1	0	86.5%	8.9%	55.8%	96.5%
5-	12	0	12				

# Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	14	0	3	100.0%	.	.	.
1-2	11	0	0	100.0%	.	.	.
2-3	11	0	1	100.0%	.	.	.
3-4	10	1	3	88.9%	10.5%	43.3%	98.4%
4-5	6	1	0	74.1%	16.1%	28.9%	93.0%
5-	5	0	5				

# Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	12	0	2	100.0%	.	.	.
1-2	10	0	1	100.0%	.	.	.
2-3	9	0	0	100.0%	.	.	.
3-4	9	0	2	100.0%	.	.	.
4-5	7	0	0	100.0%	.	.	.
5-	7	0	7				

## Colon and rectal cancer at institutes with high proportion for follow-up (> 90%), surgical cases

### Colon cancer

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	3467	327	69	90.5%	0.5%	89.4%	91.4%
1-2	3071	255	95	82.8%	0.7%	81.5%	84.1%
2-3	2721	162	107	77.8%	0.7%	76.4%	79.2%
3-4	2452	121	108	73.9%	0.8%	72.4%	75.4%
4-5	2223	89	170	70.8%	0.8%	69.2%	72.3%
5-	1964	97	1867				

### Rectal cancer

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2224	192	36	91.3%	0.6%	90.0%	92.4%
1-2	1996	163	40	83.8%	0.8%	82.2%	85.3%
2-3	1793	142	49	77.1%	0.9%	75.2%	78.8%
3-4	1602	80	65	73.1%	1.0%	71.2%	75.0%
4-5	1457	56	106	70.2%	1.0%	68.2%	72.1%
5-	1295	77	1218				

Year=Year after treatment; Alive=Number alive at beginning of year; Died=Number died during year; Lost =Number last seen alive during year; SR=Survival rate at end of year; SE=standard error; 95% CI=95 percent confidence interval

## Participating institutes

### 1997-1998 年症例の prospective registry と予後調査

愛知県がんセンター・消化器外科  
青森市民病院・外科  
岩手医科大学医学部・第1外科  
岩手医科大学・第1内科  
大阪大学大学院・病態制御外科  
おおもと病院・外科  
香川医科大学・第1外科  
春日部市立病院・外科  
刈谷総合病院・外科  
川崎医科大学・消化器外科  
関東労災病院・外科  
北里大学東病院消化器疾患治療センター・消化器外科  
熊本大学医学部・第2外科  
県西部浜松医療センター・消化器外科  
公立豊岡病院組合立出石病院・外科  
国立病院医療センター外科・  
国立がんセンター中央病院・外科  
国立病院北海道がんセンター・外科  
国立栃木病院・外科  
国立病院九州医療センター  
国立病院四国がんセンター・外科  
自治医科大学・一般消化器外科  
島根医科大学・第2外科  
千葉県がんセンター・消化器外科  
千葉大学医学部・第2外科  
東海大学医学部・第2外科  
東京共済病院・消化器外科  
東京大学医学部・腫瘍外科  
栃木県立がんセンター  
独協医科大学病院・第2外科  
都立駒込病院・外科  
名古屋市立大学医学部・第1外科  
兵庫県立成人病センター・消化器科  
弘前大学医学部・第1内科  
福岡大学筑紫病院・外科  
福島県立医科大学第・1外科  
松下記念病院・外科  
水戸協同病院・外科  
宮城県立がんセンター・外科  
焼津市立総合病院・外科

横浜市立大学・第2外科  
横浜総合病院消化器センター

#### 1997 年症例の prospective registry と予後調査

茨城県立中央病院茨城県地域がんセンター  
大阪医科大学・一般消化器外科  
大阪府立成人病センター・内科  
金沢大学医学部・第1外科  
岐阜大学医学部・第1外科  
熊本市民病院・大腸肛門科  
久留米大学医学部・第1外科  
群馬大学医学部・第2外科  
慶応義塾大学医学部・外科  
県立愛知病院・外科  
国立がんセンター東病院・消化器外科骨盤外科  
国立国際医療センター  
社会保険中央総合病院大腸肛門病センター・外科  
仙台赤十字病院・外科  
東邦大学医学部・第1外科  
東邦大学大橋病院・消化器診断部  
富山医科薬科大学・第2外科  
都立広尾病院・外科  
名古屋第一赤十字病院・外科  
広島大学原爆放射能医学研究所・腫瘍外科  
福井医科大学・第1外科  
三重大学医学部・第2外科  
山形県立中央病院・外科  
山形大学医学部・第1外科

#### 1998 年症例の prospective registry と予後調査

大阪府立成人病センター・外科  
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