

**Multi-Institutional Registry of Large Bowel Cancer  
in Japan**

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Cases treated in 1995**

Japanese Society for Cancer of the Colon and Rectum

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## Preface

This booklet, the 25th annual report, provides summary data relating to the prognosis of patients with large bowel cancer treated at 92 our Japanese Society for Cancer of the Colon and Rectum (JSCCR) member hospitals in 1995. In that year, 8,108 cases were prospectively registered at 134 institutions, and clinical and pathological characteristics of those cases were already presented in detail in the 17th report in 1999. For the present follow-up investigation, 92 institutions collaborated in providing information on 5,926 cases, and 4,818 cases with adenocarcinoma were judged suitable for the survival analysis. Cases with other known histology numbered 154 in the present 1995 series, and will be combined with those from other series in order to be used for meaningful survival analysis.

In the present analysis, three important changes were incorporated. Firstly, the report form has been revised according to the 5th edition of the Japanese Classification of Colorectal Carcinoma extensively revised in 1994. Secondly, survival analysis was done by Kaplan-Meier method using survival time in day. This new approach is believed to offer more precise estimation as compared to previous one by life-table method using survival time in year. The analysis was made by the statistical package, STATA (Stata Corp). Thirdly, although in a small part, the analysis was repeated only for 3,232 cases from institutions with more than 90% of follow-up rate. It should be also mentioned only 69% of the institutions participated in and 73% of the cases were reported for the present follow-up investigation as compared to the original prospective registration in 1999. In order to improve these figures, further collaboration is strongly required for larger number of our member hospitals.

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

## Acknowledgement

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Contents

Number of cases by histology, tumor site and sex ----- 1

Number of excluded cases for survival analysis-----2

Death within 30 days after surgery

Age incidence -----3

Modality of treatment -----4

Surgical curability for surgical cases\*

Liver metastasis for surgical cases -----5

Peritoneal metastasis for surgical cases

Lung metastasis for surgical cases-----6

Distant metastasis for surgical cases

Macroscopic lymph node metastasis and depth of invasion for surgical cases-----7

    Colon cancer

    Rectal cancer

Microscopic lymph node metastasis and depth of invasion for surgical cases -----8

    Colon cancer

    Rectal cancer

Survival analysis

Sex

    Colon cancer; surgical cases ----- 10

    Colon cancer, treated by endoscopy alone.----- 11

    Rectal cancer, surgical cases ----- 12

    Rectal cancer, treated by endoscopy alone. ----- 13

Clinical stage

    Colon cancer, surgical cases

        stage 0 ----- 14

        stage I ----- 15

        stage II ----- 16

---

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



stage IIIa -----	17
stage IIIb -----	18
stage IV -----	19
Rectal cancer, surgical cases	
stage 0 -----	20
stage I -----	21
stage II -----	22
stage IIIa -----	23
stage IIIb -----	24
stage IV -----	25
Histological stage	
Colon cancer, surgical cases	
stage 0 -----	26
stage I -----	27
stage II -----	28
stage IIIa -----	29
stage IIIb -----	30
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
N2 & P0, H0, M(-) -----	58
N3 & P0, H0, M(-) -----	60
N4 & P0, H0, M(-) -----	62

## Microscopic lymph node status and depth of tumor invasion

### Colon cancer, surgical cases

n0 & P0, H0, M(-) -----	64
n1 & P0, H0, M(-) -----	66
n2 & P0, H0, M(-) -----	68
n3& P0, H0, M(-) -----	70
n4 & P0, H0, M(-) -----	72

### Rectal cancer, surgical cases

n0 & P0, H0, M(-) -----	74
n1 & P0, H0, M(-) -----	76
n2 & P0, H0, M(-) -----	78
n3 & P0, H0, M(-) -----	80
n4 & P0, H0, M(-) -----	82

Liver metastasis

Colon cancer, surgical cases----- 84

Rectal cancer, surgical cases ----- 85

Peritoneal metastasis

Colon cancer, surgical cases----- 86

Rectal cancer, surgical cases ----- 87

Lung metastasis

Colon cancer, surgical cases----- 88

Rectal cancer, surgical cases ----- 89

Distant metastasis

Colon cancer, surgical cases----- 90

Rectal cancer, surgical cases ----- 91

Endoscopic resection

Colon cancer, treated by endoscopy alone ----- 92

Rectal cancer, treated by endoscopy alone ----- 94

Colon and rectal cancer at institutes with high proportion for follow-up, surgical cases ---- 96

Participating institutes----- 97

# Number of cases by histology, tumor site and sex

	Site	Male		Female	
		Freq.	Percent	Freq.	Percent
Adenocarcinoma	Ileum	2	0.06	0	0
	Appendix	5	0.14	9	0.4
	Cecum	185	5.34	201	8.85
	Ascending	368	10.63	321	14.13
	Transverse	280	8.09	216	9.51
	Descending	176	5.08	76	3.35
	Sigmoid	946	27.32	629	27.68
	Rectosigmoid	437	13	215	9.46
	Upper rectum	486	14.03	260	11.44
	Lower rectum	536	15.48	326	14.35
	Proctos	37	1.07	18	0.79
	External skin	1	0.03	0	0
	Missing	4	0.12	1	0.04
	Total	3,463	100	2,272	100
Others	Ileum	0	0	1	1.67
	Appendix	3	3.19	1	1.67
	Cecum	10	10.64	4	6.67
	Ascending	3	3.19	3	5
	Transverse	7	7.45	2	3.33
	Descending	3	3.19	0	0
	Sigmoid	12	12.77	4	6.67
	Rectosigmoid	4	4.26	3	5
	Upper rectum	11	11.7	5	8.33
	Lower rectum	30	31.91	27	45
	Proctos	10	10.64	9	15
	External skin	1	1	1	1.67
	Total	94	100	60	100
Unknown	Cecum	2	8	4	33.33
	Ascending	2	8	2	16.67
	Transverse	1	4	1	8.33
	Descending	3	12		
	Sigmoid	1	4	1	8.33
	Rectosigmoid	3	12		
	Upper rectum	4	16	1	8.33
	Lower rectum	7	28	2	16.67
	Proctos	2	8		
	Unknown			1	8.33
	Total	25	100	12	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

Unknown outcome or missing for follow-up status	650
Missing for date of surgery for surgical cases	2
Missing for date of endoscopy for endoscopically treated cases	186
Missing for date of death for reportedly mortal cases	20
Illogical combination for dates of surgery and of death	3
Illogical combination for dates of endoscopy and of the last contact	1
Reportedly living cases with cause of death	2
Total	864

Another 2 cases were not allowed for survival analysis due to 0 survival.

## Death within 30 days after surgery

Surgical curability	Death within 30 days	No. of surgeries	Percent
cur A	16	3,535	0.5
cur B	2	316	0.6
cur C	17	597	2.8
Unresectable	2	31	6.5
Unknown	0	14	0
Missing	4	12	33.3
Total	41	4,505	0.9

## Age incidence

### Male

Site	<20	<30	<40	<50	<60	<70	<80	>=80	Total
Appendix	0	0	1	2	0	1	1	0	5
Cecum	0	3	2	9	47	53	31	14	159
Ascending	0	0	3	26	56	122	85	31	323
Transverse	0	1	3	16	49	91	62	19	241
Descending	0	0	3	9	23	67	42	10	154
Sigmoid	0	2	9	52	168	301	184	57	773
Rectosigmoid	0	1	1	28	90	147	78	28	373*
Upper rectum	0	2	2	32	110	151	86	30	413
Lower rectum	0	1	8	53	123	177	81	28	471
Total	0	10	32	227	666	1,110	650	217	2,912

\*including one subject with unknown age.

### Female

Site	<20	<30	<40	<50	<60	<70	<80	>=80	Total
Appendix	0	0	0	1	3	1	2	1	8
Cecum	0	1	1	9	15	48	68	21	163
Ascending	0	0	2	17	61	82	83	34	279
Transverse	2	4	2	13	40	43	63	23	190
Descending	0	0	2	5	14	19	19	7	66
Sigmoid	0	0	5	67	123	158	121	41	515
Rectosigmoid	0	1	4	28	57	46	34	15	185
Upper rectum	0	0	4	21	51	80	48	18	222
Lower rectum	0	1	10	35	65	96	54	16	277
Total	2	7	30	196	429	573	492	176	1,905

## Modality of treatment

Site	Surgery only	Endoscopy alone	Endoscopy followed by surgery	Total
Appendix	13	0	0	13
Cecum	304	16	2	322
Ascending	563	35	4	602
Transverse	404	24	3	431
Descending	196	21	3	220
Sigmoid	1,128	127	33	1,288
Rectosigmoid	513	38	8	559
Upper rectum	595	32	8	635
Lower rectum	720	20	8	748
Total	4,436	313	69	4,818

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

Site	cur A	cur B	cur C	Unresect	Unknown	Missing	Total
Appendix	4	1	8	0	0	0	13
Cecum	225	24	53	1	1	2	306
Ascending	431	50	77	6	1	2	567
Transverse	311	28	62	3	2	1	407
Descending	153	11	31	4	0	0	199
Sigmoid	945	67	142	2	2	3	1,161
Rectosigmoid	412	29	74	6	0	0	521
Upper rectum	474	46	76	3	2	2	603
Lower rectum	580	60	74	6	6	2	728
Total	3,535	316	597	31	14	12	4,505

\*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	9	0	1	2	1	0	13
Cecum	266	15	5	16	4	0	306
Ascending	500	23	7	36	0	1	567
Transverse	362	15	8	21	1	0	407
Descending	171	9	3	15	1	0	199
Sigmoid	1,019	37	27	72	4	2	1,161
Rectosigmoid	453	20	14	31	2	1	521
Upper rectum	544	22	11	24	2	0	603
Lower rectum	657	21	9	24	15	2	728
Total	3,981	162	85	241	30	6	4,505

## Peritoneal metastasis for surgical cases

Site	P0	P1	P2	P3	Px	Missing	Total
Appendix	6	2	1	3	1	0	13
Cecum	267	10	12	14	2	1	306
Ascending	523	13	16	14	0	1	567
Transverse	375	10	6	15	1	0	407
Descending	184	6	1	7	1	0	199
Sigmoid	1,111	12	17	15	5	1	1,161
Rectosigmoid	497	10	7	4	3	0	521
Upper rectum	578	12	3	5	4	1	603
Lower rectum	690	4	0	1	31	2	728
Total	4,231	79	63	78	48	6	4,505



## Lung metastasis for surgical cases

Site	PM0	PM1	PM2	PM3	PMx	Missing	Total
Appendix	13	0	0	0	0	0	13
Cecum	295	1	1	0	2	7	306
Ascending	540	1	1	1	5	19	567
Transverse	392	1	1	2	2	9	407
Descending	188	1	0	4	3	3	199
Sigmoid	1,099	3	4	4	10	41	1,161
Rectosigmoid	486	3	3	5	15	9	521
Upper rectum	569	1	2	4	12	15	603
Lower rectum	663	4	5	2	26	28	728
Total	4,245	15	17	22	75	131	4,505

## Distant metastasis for surgical cases

Site	M(-)	M(+)	Mx	Missing	Total
Appendix	13	0	0	0	13
Cecum	295	2	3	6	306
Ascending	554	5	2	6	567
Transverse	397	2	2	6	407
Descending	191	3	3	2	199
Sigmoid	1,139	1	4	17	1,161
Rectosigmoid	504	6	2	9	521
Upper rectum	594	5	1	3	603
Lower rectum	706	6	5	11	728
Total	4,393	30	22	60	4,505

## Macroscopic lymph node metastasis and depth of invasion

### Colon cancer for surgical cases

N	Macroscopic depth of invasion							Missing	Total
	M	SM	MP	SS/A1	SE/A2	Si/Ai	Unknown		
N0	140	284	173	278	197	38	11	18	1,139
N1	0	21	50	231	367	105	3	11	788
N2	0	2	9	115	232	76	3	7	444
N3	0	1	1	13	52	46	3	2	118
N4	1	1	1	12	35	36	0	1	87
Nx	1	1	0	2	18	16	5	1	44
Missing	0	5	6	9	6	2	2	3	33
Total	142	315	240	660	907	319	27	43	2,653

### Rectal cancer for surgical cases

N	Macroscopic depth of invasion							Missing	Total
	M	SM	MP	SS/A1	SE/A2	Si/Ai	Unknown		
N0	76	173	194	189	120	23	9	14	798
N1	1	4	57	200	295	53	1	16	627
N2	1	3	6	69	96	33	2	6	216
N3	0	0	3	7	31	16	0	1	58
N4	0	0	1	9	23	26	0	1	60
Nx	28	16	3	1	7	8	4	1	68
Missing	3	5	4	3	6	2	1	1	25
Total	109	201	268	478	578	161	17	40	1,852

Microscopic lymph node metastasis and depth of invasion

Colon cancer, for surgical cases

n	Microscopic depth of invasion						Unknown	Missing	Total
	m	sm	mp	ss/a1	se/a2	si/ai			
n0	170	251	219	655	210	65	1	3	1,574
n1	0	26	47	262	168	28	0	0	531
n2	0	4	8	143	144	17	0	1	317
n3	0	1	0	38	34	9	0	1	83
n4	0	0	0	16	16	13	0	0	45
Nx	4	5	1	14	27	14	13	0	78
Missing	1	0	1	6	3	3	2	9	25
Total	175	287	276	1,134	602	149	16	14	2,653

Rectal cancer, for surgical cases

n	Microscopic depth of invasion						Unknown	Missing	Total
	m	sm	mp	ss/a1	se/a2	si/ai			
n0	69	176	235	309	163	22	3	2	979
n1	0	15	58	213	139	19	0	1	445
n2	0	5	17	88	89	8	0	0	207
n3	0	0	2	16	23	8	0	0	49
n4	0	0	0	15	20	7	1	1	44
Nx	43	30	2	6	13	2	11	1	108
Missing	2	1	1	2	4	1	1	8	20
Total	114	227	315	649	451	67	16	13	1,852

## Survival analysis

## Sex

### Colon cancer, surgical cases

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2653	303	31	88.5%	0.6%	87.3%	89.7%
1-2	2319	233	27	79.6%	0.8%	78.0%	81.1%
2-3	2059	145	45	73.9%	0.9%	72.2%	75.6%
3-4	1869	97	49	70.0%	0.9%	68.2%	71.7%
4-5	1723	75	83	66.9%	0.9%	65.1%	68.7%
5-	1565	78	1487				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1485	168	19	88.7%	0.8%	86.9%	90.2%
1-2	1298	135	16	79.4%	1.1%	77.3%	81.4%
2-3	1147	91	28	73.1%	1.2%	70.7%	75.3%
3-4	1028	61	24	68.7%	1.2%	66.2%	71.0%
4-5	943	42	40	65.5%	1.3%	63.0%	67.9%
5-	861	49	812				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1168	135	12	88.4%	0.9%	86.4%	90.1%
1-2	1021	98	11	79.8%	1.2%	77.4%	82.0%
2-3	912	54	17	75.1%	1.3%	72.5%	77.5%
3-4	841	36	25	71.7%	1.3%	69.0%	74.2%
4-5	780	33	43	68.7%	1.4%	65.9%	71.3%
5-	704	29	675				

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	223	0	6	100.0%	.	.	.
1-2	217	6	4	97.2%	1.1%	93.9%	98.7%
2-3	207	4	9	95.3%	1.5%	91.4%	97.4%
3-4	194	1	9	94.8%	1.5%	90.7%	97.1%
4-5	184	3	14	93.2%	1.8%	88.7%	95.9%
5-	167	4	163				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	170	0	5	100.0%	.	.	.
1-2	165	3	3	98.2%	1.1%	94.4%	99.4%
2-3	159	4	8	95.6%	1.6%	91.0%	97.9%
3-4	147	0	6	95.6%	1.6%	91.0%	97.9%
4-5	141	2	10	94.2%	1.9%	89.2%	97.0%
5-	129	4	125				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	53	0	1	100.0%	.	.	.
1-2	52	3	1	94.2%	3.3%	83.1%	98.1%
2-3	48	0	1	94.2%	3.3%	83.1%	98.1%
3-4	47	1	3	92.1%	3.8%	80.2%	97.0%
4-5	43	1	4	89.9%	4.3%	77.3%	95.7%
5-	38	0	38				

## Sex

### Rectal cancer, surgical cases

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1852	172	19	90.7%	0.7%	89.3%	92.0%
1-2	1661	161	17	81.9%	0.9%	80.0%	83.6%
2-3	1483	124	32	75.0%	1.0%	72.9%	76.9%
3-4	1327	84	35	70.2%	1.1%	68.0%	72.2%
4-5	1208	53	53	67.0%	1.1%	64.8%	69.2%
5-	1102	84	1018				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1204	123	12	89.7%	0.9%	87.9%	91.3%
1-2	1069	110	10	80.5%	1.2%	78.1%	82.6%
2-3	949	85	24	73.2%	1.3%	70.6%	75.6%
3-4	840	60	19	67.9%	1.4%	65.2%	70.5%
4-5	761	36	31	64.7%	1.4%	61.8%	67.3%
5-	694	59	635				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	648	49	7	92.5%	1.0%	90.2%	94.3%
1-2	592	51	7	84.5%	1.4%	81.5%	87.1%
2-3	534	39	8	78.3%	1.6%	74.9%	81.3%
3-4	487	24	16	74.4%	1.7%	70.8%	77.6%
4-5	447	17	22	71.5%	1.8%	67.8%	74.9%
5-	408	25	383				

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	90	2	1	97.8%	1.6%	91.3%	99.4%
1-2	87	2	2	95.5%	2.2%	88.5%	98.3%
2-3	83	1	2	94.3%	2.5%	86.9%	97.6%
3-4	80	2	2	91.9%	2.9%	83.8%	96.1%
4-5	76	1	4	90.7%	3.1%	82.2%	95.2%
5-	71	1	70				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	54	1	1	98.1%	1.9%	87.4%	99.7%
1-2	52	1	1	96.2%	2.6%	85.7%	99.0%
2-3	50	1	2	94.2%	3.2%	83.1%	98.1%
3-4	47	2	0	90.2%	4.2%	78.1%	95.8%
4-5	45	1	2	88.2%	4.5%	75.6%	94.5%
5-	42	1	41				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	36	1	0	97.2%	2.7%	81.9%	99.6%
1-2	35	1	1	94.4%	3.8%	79.6%	98.6%
2-3	33	0	2	94.4%	3.8%	79.6%	98.6%
3-4	31	0	2	94.4%	3.8%	79.6%	98.6%
4-5	29	0	29	94.4%	3.8%	79.6%	98.6%
5-							



Clinical stage

Colon cancer, surgical cases

Clinical stage 0

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	141	4	1	97.2%	1.4%	92.6%	98.9%
1-2	136	3	2	95.0%	1.8%	89.8%	97.6%
2-3	131	4	6	92.0%	2.3%	86.1%	95.5%
3-4	121	3	0	89.8%	2.6%	83.3%	93.8%
4-5	118	2	6	88.2%	2.8%	81.4%	92.6%
5-	110	2	108				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	85	4	1	95.3%	2.3%	87.8%	98.2%
1-2	80	3	1	91.7%	3.0%	83.3%	95.9%
2-3	76	2	4	89.2%	3.4%	80.3%	94.2%
3-4	70	2	0	86.7%	3.8%	77.2%	92.4%
4-5	68	0	3	86.7%	3.8%	77.2%	92.4%
5-	65	2	63				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	56	0	0	100.0%	.	.	.
1-2	56	0	1	100.0%	.	.	.
2-3	55	2	2	96.3%	2.6%	86.1%	99.1%
3-4	51	1	0	94.4%	3.1%	83.7%	98.2%
4-5	50	2	3	90.7%	4.0%	79.0%	96.0%
5-	45	0	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	452	10	11	97.8%	0.7%	95.9%	98.8%
1-2	431	6	3	96.4%	0.9%	94.2%	97.8%
2-3	422	15	12	92.9%	1.2%	90.1%	95.0%
3-4	395	8	17	91.0%	1.4%	87.9%	93.3%
4-5	370	10	12	88.5%	1.6%	85.1%	91.2%
5-	348	10	338				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	284	5	7	98.2%	0.8%	95.8%	99.3%
1-2	272	4	3	96.8%	1.1%	93.9%	98.3%
2-3	265	8	9	93.8%	1.5%	90.3%	96.1%
3-4	248	5	10	91.9%	1.7%	87.9%	94.6%
4-5	233	9	7	88.3%	2.0%	83.8%	91.6%
5-	217	7	210				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	168	5	4	97.0%	1.3%	92.9%	98.7%
1-2	159	2	0	95.8%	1.6%	91.3%	98.0%
2-3	157	7	3	91.4%	2.2%	85.9%	94.8%
3-4	147	3	7	89.5%	2.4%	83.6%	93.3%
4-5	137	1	5	88.8%	2.5%	82.8%	92.8%
5-	131	3	128				

Clinical stage

Colon cancer, surgical cases

Clinical stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	447	13	3	97.1%	0.8%	95.0%	98.3%
1-2	431	27	5	91.0%	1.4%	87.9%	93.3%
2-3	399	14	9	87.8%	1.6%	84.3%	90.5%
3-4	376	16	8	84.0%	1.8%	80.2%	87.1%
4-5	352	19	16	79.4%	2.0%	75.2%	82.9%
5-	317	12	305				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	261	6	3	97.7%	0.9%	94.9%	99.0%
1-2	252	18	3	90.7%	1.8%	86.5%	93.7%
2-3	231	12	5	85.9%	2.2%	81.0%	89.7%
3-4	214	9	4	82.3%	2.4%	77.0%	86.5%
4-5	201	12	8	77.3%	2.7%	71.6%	82.0%
5-	181	9	172				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	186	7	0	96.2%	1.4%	92.3%	98.2%
1-2	179	9	2	91.4%	2.1%	86.3%	94.6%
2-3	168	2	4	90.3%	2.2%	85.0%	93.8%
3-4	162	7	4	86.3%	2.5%	80.4%	90.6%
4-5	151	7	8	82.3%	2.9%	75.9%	87.1%
5-	136	3	133				

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	707	34	8	95.3%	0.8%	93.5%	96.6%
1-2	665	36	6	90.1%	1.1%	87.7%	92.1%
2-3	623	46	9	83.4%	1.4%	80.5%	86.0%
3-4	568	31	16	78.7%	1.6%	75.4%	81.5%
4-5	521	27	33	74.6%	1.7%	71.2%	77.7%
5-	461	32	429				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	378	16	7	96.0%	1.0%	93.4%	97.6%
1-2	355	16	6	91.6%	1.4%	88.3%	94.0%
2-3	333	27	5	84.2%	1.9%	80.0%	87.5%
3-4	301	22	10	77.9%	2.2%	73.2%	81.8%
4-5	269	11	14	74.7%	2.3%	69.8%	78.8%
5-	244	20	224				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	329	18	1	94.5%	1.3%	91.5%	96.5%
1-2	310	20	0	88.4%	1.8%	84.5%	91.4%
2-3	290	19	4	82.6%	2.1%	78.1%	86.3%
3-4	267	9	6	79.5%	2.2%	74.7%	83.5%
4-5	252	16	19	74.6%	2.4%	69.4%	79.0%
5-	217	12	205				

Clinical stage

Colon cancer, surgical cases

Clinical stage IIb

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	366	34	3	90.6%	1.5%	87.2%	93.2%
1-2	329	35	4	80.9%	2.1%	76.5%	84.6%
2-3	290	21	6	75.0%	2.3%	70.2%	79.1%
3-4	263	13	8	71.3%	2.4%	66.3%	75.7%
4-5	242	11	15	67.9%	2.5%	62.8%	72.5%
5-	216	15	201				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	170	17	1	89.9%	2.3%	84.3%	93.6%
1-2	152	17	0	79.9%	3.1%	73.0%	85.2%
2-3	135	12	3	72.7%	3.4%	65.3%	78.8%
3-4	120	6	0	69.1%	3.6%	61.5%	75.5%
4-5	114	7	7	64.7%	3.7%	56.9%	71.4%
5-	100	6	94				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	196	17	2	91.2%	2.0%	86.3%	94.5%
1-2	177	18	4	81.8%	2.8%	75.6%	86.6%
2-3	155	9	3	77.0%	3.1%	70.3%	82.3%
3-4	143	7	8	73.1%	3.2%	66.2%	78.9%
4-5	128	4	8	70.8%	3.3%	63.7%	76.8%
5-	116	9	107				

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	474	202	4	57.2%	2.3%	52.6%	61.5%
1-2	268	122	7	30.8%	2.1%	26.7%	35.1%
2-3	139	43	3	21.2%	1.9%	17.6%	25.0%
3-4	93	22	0	16.2%	1.7%	12.9%	19.7%
4-5	71	5	0	15.0%	1.7%	11.9%	18.5%
5-	66	5	61				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	268	116	0	56.7%	3.0%	50.6%	62.4%
1-2	152	74	3	28.9%	2.8%	23.5%	34.4%
2-3	75	28	2	17.9%	2.4%	13.5%	22.8%
3-4	45	15	0	11.9%	2.0%	8.3%	16.2%
4-5	30	3	0	10.7%	1.9%	7.3%	14.9%
5-	27	3	24				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	206	86	4	57.8%	3.5%	50.7%	64.2%
1-2	116	48	4	33.5%	3.4%	27.0%	40.0%
2-3	64	15	1	25.6%	3.1%	19.7%	31.9%
3-4	48	7	0	21.9%	3.0%	16.4%	27.9%
4-5	41	2	0	20.8%	2.9%	15.4%	26.8%
5-	39	2	37				

## Clinical stage

### Rectal cancer, surgical cases

#### Clinical stage 0

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	104	3	2	97.1%	1.7%	91.2%	99.1%
1-2	99	1	3	96.1%	1.9%	89.9%	98.5%
2-3	95	1	4	95.1%	2.2%	88.6%	97.9%
3-4	90	2	1	93.0%	2.6%	85.8%	96.6%
4-5	87	0	1	93.0%	2.6%	85.8%	96.6%
5-	86	3	83				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	62	3	2	95.1%	2.8%	85.4%	98.4%
1-2	57	1	2	93.4%	3.2%	83.3%	97.5%
2-3	54	0	3	93.4%	3.2%	83.3%	97.5%
3-4	51	2	1	89.7%	4.0%	78.5%	95.2%
4-5	48	0	1	89.7%	4.0%	78.5%	95.2%
5-	47	2	45				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	42	0	0	100.0%	.	.	.
1-2	42	0	0	100.0%	.	.	.
2-3	42	0	1	97.5%	2.5%	83.6%	99.6%
3-4	41	1	1	97.5%	2.5%	83.6%	99.6%
4-5	39	0	0	97.5%	2.5%	83.6%	99.6%
5-	39	1	38				

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	365	6	6	98.4%	0.7%	96.4%	99.3%
1-2	353	5	5	96.9%	0.9%	94.5%	98.3%
2-3	343	8	4	94.7%	1.2%	91.8%	96.6%
3-4	331	10	15	91.8%	1.5%	88.4%	94.2%
4-5	306	11	14	88.4%	1.7%	84.6%	91.4%
5-	281	14	267				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	225	3	2	98.7%	0.8%	95.9%	99.6%
1-2	220	2	3	97.8%	1.0%	94.7%	99.1%
2-3	215	7	3	94.6%	1.5%	90.6%	96.9%
3-4	205	6	8	91.8%	1.9%	87.3%	94.7%
4-5	191	9	7	87.4%	2.3%	82.2%	91.2%
5-	175	9	166				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	140	3	4	97.8%	1.2%	93.4%	99.3%
1-2	133	3	2	95.6%	1.8%	90.5%	98.0%
2-3	128	1	1	94.8%	1.9%	89.5%	97.5%
3-4	126	4	7	91.8%	2.4%	85.6%	95.4%
4-5	115	2	7	90.1%	2.6%	83.6%	94.2%
5-	106	5	101				



Clinical stage

Rectal cancer, surgical cases

Clinical stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	289	12	2	95.8%	1.2%	92.8%	97.6%
1-2	275	17	4	89.9%	1.8%	85.8%	92.9%
2-3	254	16	7	84.2%	2.2%	79.4%	87.9%
3-4	231	12	5	79.7%	2.4%	74.5%	84.0%
4-5	214	9	12	76.3%	2.6%	70.8%	80.9%
5-	193	18	175				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	202	9	2	95.5%	1.5%	91.6%	97.7%
1-2	191	13	1	89.0%	2.2%	83.8%	92.6%
2-3	177	13	6	82.4%	2.7%	76.3%	87.0%
3-4	158	9	2	77.7%	3.0%	71.2%	82.9%
4-5	147	7	7	73.9%	3.2%	67.1%	79.5%
5-	133	15	118				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	87	3	0	96.6%	2.0%	89.7%	98.9%
1-2	84	4	3	91.9%	3.0%	83.7%	96.0%
2-3	77	3	1	88.3%	3.5%	79.3%	93.5%
3-4	73	3	3	84.6%	3.9%	74.9%	90.7%
4-5	67	2	5	82.0%	4.2%	71.9%	88.7%
5-	60	3	57				

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	566	36	4	93.8%	1.0%	91.5%	95.5%
1-2	526	36	3	87.4%	1.4%	84.3%	89.8%
2-3	487	49	14	78.5%	1.7%	74.8%	81.7%
3-4	424	27	7	73.4%	1.9%	69.5%	76.9%
4-5	390	24	14	68.8%	2.0%	64.8%	72.5%
5-	352	32	320				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	370	26	3	92.9%	1.3%	89.8%	95.1%
1-2	341	23	2	86.7%	1.8%	82.7%	89.7%
2-3	316	37	10	76.4%	2.2%	71.6%	80.4%
3-4	269	20	3	70.7%	2.4%	65.7%	75.1%
4-5	246	14	9	66.6%	2.5%	61.4%	71.2%
5-	223	20	203				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	196	10	1	95.4%	1.5%	91.3%	97.6%
1-2	185	13	1	88.7%	2.3%	83.3%	92.4%
2-3	171	12	4	82.4%	2.7%	76.3%	87.1%
3-4	155	7	4	78.6%	3.0%	72.1%	83.8%
4-5	144	10	5	73.1%	3.2%	66.1%	78.8%
5-	129	12	117				

Clinical stage

Rectal cancer, surgical cases

Clinical stage IIb

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	204	13	3	93.6%	1.7%	89.2%	96.2%
1-2	188	29	1	79.1%	2.9%	72.8%	84.1%
2-3	158	15	2	71.6%	3.2%	64.8%	77.3%
3-4	141	16	5	63.4%	3.4%	56.2%	69.6%
4-5	120	4	6	61.2%	3.5%	54.0%	67.6%
5-	110	8	102				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	129	9	2	93.0%	2.3%	87.0%	96.3%
1-2	118	22	1	75.6%	3.8%	67.2%	82.2%
2-3	95	8	2	69.2%	4.1%	60.3%	76.5%
3-4	85	10	4	60.9%	4.4%	51.8%	68.8%
4-5	71	1	4	60.0%	4.4%	50.8%	68.0%
5-	66	7	59				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	75	4	1	94.6%	2.6%	86.3%	97.9%
1-2	70	7	0	85.2%	4.1%	74.8%	91.5%
2-3	63	7	0	75.7%	5.0%	64.2%	83.9%
3-4	56	6	1	67.6%	5.4%	55.7%	77.0%
4-5	49	3	2	63.4%	5.6%	51.3%	73.2%
5-	44	1	43				

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	251	95	1	62.2%	3.1%	55.8%	67.8%
1-2	155	70	1	33.9%	3.0%	28.1%	39.8%
2-3	84	28	1	22.6%	2.7%	17.6%	28.0%
3-4	55	15	0	16.4%	2.4%	12.1%	21.3%
4-5	40	4	2	14.8%	2.3%	10.7%	19.5%
5-	34	6	28				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	174	68	1	60.9%	3.7%	53.3%	67.7%
1-2	105	46	1	34.0%	3.6%	27.0%	41.1%
2-3	58	18	0	23.5%	3.2%	17.4%	30.0%
3-4	40	11	0	17.0%	2.9%	11.8%	23.0%
4-5	29	4	1	14.6%	2.7%	9.8%	20.4%
5-	24	3	21				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	77	27	0	64.9%	5.4%	53.2%	74.4%
1-2	50	24	0	33.8%	5.4%	23.5%	44.3%
2-3	26	10	1	20.7%	4.6%	12.5%	30.3%
3-4	15	4	0	15.2%	4.1%	8.2%	24.2%
4-5	11	0	1	15.2%	4.1%	8.2%	24.2%
5-	10	3	7				

## Histological stage

### Colon cancer, surgical cases

#### Histological stage 0

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	174	5	2	97.1%	1.3%	93.2%	98.8%
1-2	167	1	2	96.5%	1.4%	92.4%	98.4%
2-3	164	5	6	93.5%	1.9%	88.6%	96.4%
3-4	153	5	3	90.4%	2.3%	84.8%	94.0%
4-5	145	3	5	88.5%	2.5%	82.6%	92.5%
5-	137	3	134				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	112	5	1	95.5%	2.0%	89.6%	98.1%
1-2	106	1	1	94.6%	2.1%	88.4%	97.6%
2-3	104	3	4	91.8%	2.6%	84.9%	95.7%
3-4	97	5	3	87.0%	3.3%	79.0%	92.1%
4-5	89	1	2	86.0%	3.4%	77.8%	91.3%
5-	86	3	83				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	62	0	1	100.0%	.	.	.
1-2	61	0	1	100.0%	.	.	.
2-3	60	2	2	96.6%	2.4%	87.1%	99.1%
3-4	56	0	0	96.6%	2.4%	87.1%	99.1%
4-5	56	2	3	93.2%	3.3%	82.8%	97.4%
5-	51	0	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

## Histological stage I

### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	465	6	9	98.7%	0.5%	97.1%	99.4%
1-2	450	11	2	96.3%	0.9%	94.1%	97.7%
2-3	437	9	15	94.3%	1.1%	91.7%	96.1%
3-4	413	6	13	92.9%	1.2%	90.1%	94.9%
4-5	394	11	14	90.2%	1.4%	87.1%	92.7%
5-	369	13	356				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	288	4	7	98.6%	0.7%	96.3%	99.5%
1-2	277	8	2	95.8%	1.2%	92.6%	97.6%
2-3	267	7	11	93.2%	1.5%	89.6%	95.6%
3-4	249	3	6	92.1%	1.6%	88.2%	94.7%
4-5	240	8	7	89.0%	1.9%	84.6%	92.2%
5-	225	10	215				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	177	2	2	98.9%	0.8%	95.5%	99.7%
1-2	173	3	0	97.2%	1.3%	93.3%	98.8%
2-3	170	2	4	96.0%	1.5%	91.8%	98.1%
3-4	164	3	7	94.2%	1.8%	89.4%	96.8%
4-5	154	3	7	92.3%	2.1%	87.1%	95.4%
5-	144	3	141				

## Histological stage

### Colon cancer, surgical cases

#### Histological stage II

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	780	32	7	96.0%	0.7%	94.4%	97.2%
1-2	741	38	10	91.1%	1.0%	88.8%	92.9%
2-3	693	38	9	86.0%	1.3%	83.4%	88.3%
3-4	646	25	21	82.7%	1.4%	79.8%	85.2%
4-5	600	26	36	79.0%	1.5%	75.9%	81.7%
5-	538	30	508				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	441	15	6	96.8%	0.8%	94.7%	98.1%
1-2	420	22	7	91.7%	1.3%	88.7%	94.0%
2-3	391	24	7	86.0%	1.7%	82.4%	89.0%
3-4	360	17	10	81.9%	1.9%	77.9%	85.3%
4-5	333	15	14	78.2%	2.0%	73.9%	81.8%
5-	304	18	286				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	339	17	1	95.0%	1.2%	92.1%	96.9%
1-2	321	16	3	90.2%	1.6%	86.5%	93.0%
2-3	302	14	2	86.0%	1.9%	81.8%	89.3%
3-4	286	8	11	83.6%	2.0%	79.2%	87.1%
4-5	267	11	22	80.0%	2.2%	75.3%	84.0%
5-	234	12	222				

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	465	22	3	95.3%	1.0%	92.9%	96.9%
1-2	440	34	3	87.9%	1.5%	84.5%	90.5%
2-3	403	21	7	83.3%	1.7%	79.5%	86.4%
3-4	375	23	10	77.9%	2.0%	73.8%	81.4%
4-5	342	19	15	73.7%	2.1%	69.4%	77.5%
5-	308	19	289				

## Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	225	9	3	96.0%	1.3%	92.4%	97.9%
1-2	213	18	3	87.8%	2.2%	82.7%	91.5%
2-3	192	11	2	82.7%	2.6%	77.1%	87.1%
3-4	179	13	4	76.7%	2.9%	70.5%	81.7%
4-5	162	10	7	71.9%	3.1%	65.4%	77.4%
5-	145	13	132				

## Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	240	13	0	94.6%	1.5%	90.9%	96.8%
1-2	227	16	0	87.9%	2.1%	83.1%	91.4%
2-3	211	10	5	83.7%	2.4%	78.4%	87.8%
3-4	196	10	6	79.0%	2.7%	73.2%	83.6%
4-5	180	9	8	75.4%	2.8%	69.3%	80.4%
5-	163	6	157				



## Histological stage

### Colon cancer, surgical cases

#### Histological stage IIIb

#### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	267	30	3	88.7%	2.0%	84.2%	91.9%
1-2	234	30	3	77.2%	2.6%	71.7%	81.8%
2-3	201	24	5	67.9%	2.9%	61.8%	73.2%
3-4	172	15	2	61.9%	3.0%	55.7%	67.5%
4-5	155	9	12	58.2%	3.1%	52.0%	64.0%
5-	134	8	126				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	134	16	1	88.0%	2.8%	81.1%	92.5%
1-2	117	12	0	79.0%	3.5%	71.0%	85.0%
2-3	105	15	2	67.6%	4.1%	58.9%	74.9%
3-4	88	8	1	61.5%	4.2%	52.6%	69.2%
4-5	79	4	9	58.2%	4.3%	49.3%	66.1%
5-	66	3	63				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	133	14	2	89.3%	2.7%	82.7%	93.5%
1-2	117	18	3	75.4%	3.8%	67.0%	81.9%
2-3	96	9	3	68.1%	4.1%	59.3%	75.4%
3-4	84	7	1	62.4%	4.3%	53.4%	70.2%
4-5	76	5	3	58.3%	4.4%	49.2%	66.3%
5-	68	5	63				

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	462	198	5	56.9%	2.3%	52.2%	61.3%
1-2	259	115	7	31.3%	2.2%	27.1%	35.6%
2-3	137	45	3	20.9%	1.9%	17.2%	24.8%
3-4	89	22	0	15.7%	1.7%	12.5%	19.3%
4-5	67	5	0	14.6%	1.7%	11.4%	18.0%
5-	62	4	58				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	263	112	1	57.3%	3.1%	51.1%	63.0%
1-2	150	72	3	29.6%	2.8%	24.1%	35.2%
2-3	75	29	2	17.9%	2.4%	13.5%	22.8%
3-4	44	15	0	11.8%	2.0%	8.2%	16.1%
4-5	29	3	0	10.6%	1.9%	7.2%	14.8%
5-	26	2	24				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	199	86	4	56.3%	3.5%	49.1%	62.9%
1-2	109	43	4	33.7%	3.4%	27.1%	40.4%
2-3	62	16	1	25.0%	3.2%	19.0%	31.3%
3-4	45	7	0	21.1%	3.0%	15.6%	27.2%
4-5	38	2	0	20.0%	2.9%	14.6%	26.0%
5-	36	2	34				

Histological stage

Rectal cancer, surgical cases

Histological stage 0

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	112	2	3	98.2%	1.3%	93.0%	99.6%
1-2	107	0	3	98.2%	1.3%	93.0%	99.6%
2-3	104	1	2	97.2%	1.6%	91.7%	99.1%
3-4	101	3	2	94.3%	2.3%	87.8%	97.4%
4-5	96	1	4	93.3%	2.4%	86.5%	96.8%
5-	91	4	87				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	68	2	2	97.0%	2.1%	88.6%	99.2%
1-2	64	0	2	97.0%	2.1%	88.6%	99.2%
2-3	62	0	1	97.0%	2.1%	88.6%	99.2%
3-4	61	3	2	92.1%	3.4%	82.1%	96.7%
4-5	56	1	4	90.4%	3.7%	79.9%	95.6%
5-	51	3	48				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	44	0	1	100.0%	.	.	.
1-2	43	0	1	100.0%	.	.	.
2-3	42	1	1	97.6%	2.4%	83.9%	99.7%
3-4	40	0	0	97.6%	2.4%	83.9%	99.7%
4-5	40	0	0	97.6%	2.4%	83.9%	99.7%
5-	40	1	39				

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	408	5	6	98.8%	0.6%	97.1%	99.5%
1-2	397	8	5	96.8%	0.9%	94.5%	98.1%
2-3	384	10	4	94.2%	1.2%	91.4%	96.1%
3-4	370	8	9	92.2%	1.4%	89.1%	94.4%
4-5	353	8	12	90.1%	1.5%	86.7%	92.7%
5-	333	18	315				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	255	2	3	99.2%	0.6%	96.9%	99.8%
1-2	250	5	3	97.2%	1.0%	94.3%	98.7%
2-3	242	8	3	94.0%	1.5%	90.2%	96.3%
3-4	231	5	4	92.0%	1.7%	87.8%	94.7%
4-5	222	8	5	88.6%	2.0%	84.0%	92.0%
5-	209	10	199				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	153	3	3	98.0%	1.1%	94.0%	99.4%
1-2	147	3	2	96.0%	1.6%	91.3%	98.2%
2-3	142	2	1	94.7%	1.8%	89.6%	97.3%
3-4	139	3	5	92.6%	2.2%	87.0%	95.8%
4-5	131	0	7	92.6%	2.2%	87.0%	95.8%
5-	124	8	116				

Histological stage

Rectal cancer, surgical cases

Histological stage II

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	442	23	3	95.0%	1.0%	92.5%	96.7%
1-2	416	18	4	90.9%	1.4%	87.8%	93.2%
2-3	394	17	12	86.9%	1.6%	83.4%	89.7%
3-4	365	13	10	83.8%	1.8%	79.9%	86.9%
4-5	342	11	21	81.0%	1.9%	77.0%	84.5%
5-	310	31	279				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	318	18	2	94.3%	1.3%	91.2%	96.4%
1-2	298	13	1	90.2%	1.7%	86.4%	93.0%
2-3	284	13	10	86.0%	2.0%	81.7%	89.4%
3-4	261	9	6	83.0%	2.1%	78.4%	86.8%
4-5	246	5	12	81.3%	2.2%	76.5%	85.2%
5-	229	28	201				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	124	5	1	96.7%	1.6%	91.6%	98.8%
1-2	118	5	3	92.6%	2.4%	86.2%	96.1%
2-3	110	4	2	89.2%	2.8%	82.2%	93.6%
3-4	104	4	4	85.7%	3.2%	78.0%	90.9%
4-5	96	6	9	80.3%	3.7%	71.8%	86.5%
5-	81	3	78				

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	380	26	1	93.2%	1.3%	90.1%	95.3%
1-2	353	27	2	86.0%	1.8%	82.1%	89.1%
2-3	324	40	8	75.3%	2.2%	70.6%	79.3%
3-4	276	23	6	68.9%	2.4%	64.0%	73.4%
4-5	247	18	12	63.8%	2.5%	58.6%	68.4%
5-	217	16	201				

## Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	236	20	1	91.5%	1.8%	87.1%	94.4%
1-2	215	18	1	83.8%	2.4%	78.5%	88.0%
2-3	196	29	6	71.2%	3.0%	65.0%	76.6%
3-4	161	16	3	64.1%	3.2%	57.5%	69.9%
4-5	142	13	7	58.1%	3.3%	51.4%	64.2%
5-	122	8	114				

## Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	144	6	0	95.8%	1.7%	91.0%	98.1%
1-2	138	9	1	89.6%	2.6%	83.3%	93.6%
2-3	128	11	2	81.8%	3.2%	74.5%	87.2%
3-4	115	7	3	76.8%	3.6%	68.9%	82.9%
4-5	105	5	5	73.0%	3.8%	64.8%	79.6%
5-	95	8	87				

## Histological stage

### Rectal cancer, surgical cases

#### Histological stage IIb

##### Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	197	10	4	94.9%	1.6%	90.7%	97.2%
1-2	183	33	1	77.7%	3.0%	71.2%	83.0%
2-3	149	23	4	65.6%	3.4%	58.4%	71.9%
3-4	122	21	6	54.0%	3.6%	46.6%	60.8%
4-5	95	11	3	47.7%	3.7%	40.3%	54.7%
5-	81	6	75				

##### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	119	6	3	94.9%	2.0%	89.0%	97.7%
1-2	110	24	1	74.1%	4.1%	65.1%	81.1%
2-3	85	17	3	59.1%	4.6%	49.5%	67.5%
3-4	65	15	3	45.0%	4.7%	35.6%	54.0%
4-5	47	5	2	40.2%	4.7%	31.0%	49.2%
5-	40	3	37				

##### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	78	4	1	94.8%	2.5%	86.8%	98.0%
1-2	73	9	0	83.1%	4.3%	72.7%	89.8%
2-3	64	6	1	75.3%	4.9%	64.1%	83.5%
3-4	57	6	3	67.3%	5.4%	55.6%	76.6%
4-5	48	6	1	58.9%	5.7%	46.9%	69.0%
5-	41	3	38				

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	251	95	1	62.2%	3.1%	55.8%	67.8%
1-2	155	73	1	32.7%	3.0%	27.0%	38.6%
2-3	81	30	1	20.6%	2.6%	15.8%	25.8%
3-4	50	14	0	14.8%	2.3%	10.7%	19.6%
4-5	36	4	1	13.2%	2.2%	9.3%	17.7%
5-	31	5	26				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	172	68	1	60.5%	3.7%	52.7%	67.3%
1-2	103	48	1	32.1%	3.6%	25.2%	39.1%
2-3	54	17	0	22.0%	3.2%	16.1%	28.5%
3-4	37	11	0	15.4%	2.8%	10.5%	21.3%
4-5	26	4	1	13.0%	2.6%	8.5%	18.6%
5-	21	3	18				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	79	27	0	65.8%	5.3%	54.3%	75.1%
1-2	52	25	0	34.2%	5.3%	24.0%	44.6%
2-3	27	13	1	17.6%	4.3%	10.1%	26.7%
3-4	13	3	0	13.5%	3.9%	7.0%	22.1%
4-5	10	2	8	13.5%	3.9%	7.0%	22.1%
5-	0						



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	2069	70	24	96.6%	0.4%	95.8%	97.3%
1-2	1975	97	19	91.9%	0.6%	90.6%	93.0%
2-3	1859	88	40	87.5%	0.7%	86.0%	88.9%
3-4	1731	71	47	83.8%	0.8%	82.1%	85.3%
4-5	1613	65	79	80.4%	0.9%	78.6%	82.1%
5-	1469	70	1399				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1170	41	18	96.6%	0.5%	95.3%	97.5%
1-2	1111	54	13	91.8%	0.8%	90.1%	93.3%
2-3	1044	56	25	86.9%	1.0%	84.8%	88.7%
3-4	963	45	23	82.8%	1.1%	80.4%	84.8%
4-5	895	35	39	79.5%	1.2%	77.0%	81.7%
5-	821	44	777				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	899	29	6	96.8%	0.6%	95.4%	97.7%
1-2	864	43	6	91.9%	0.9%	89.9%	93.5%
2-3	815	32	15	88.3%	1.1%	86.0%	90.2%
3-4	768	26	24	85.1%	1.2%	82.6%	87.3%
4-5	718	30	40	81.6%	1.3%	78.9%	84.0%
5-	648	26	622				

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	181	22	1	87.8%	2.4%	82.1%	91.8%
1-2	158	41	7	64.5%	3.6%	57.0%	71.1%
2-3	110	24	3	50.3%	3.8%	42.7%	57.5%
3-4	83	15	2	41.2%	3.8%	33.7%	48.4%
4-5	66	6	3	37.3%	3.7%	30.0%	44.6%
5-	57	5	52				

### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	91	12	1	86.7%	3.6%	77.8%	92.2%
1-2	78	21	2	63.2%	5.1%	52.4%	72.3%
2-3	55	15	2	45.7%	5.3%	35.1%	55.7%
3-4	38	10	1	33.4%	5.1%	23.6%	43.4%
4-5	27	4	1	28.4%	4.9%	19.2%	38.3%
5-	22	3	19				

### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	90	10	0	88.9%	3.3%	80.3%	93.9%
1-2	80	20	5	65.8%	5.1%	54.9%	74.7%
2-3	55	9	1	55.0%	5.4%	43.9%	64.8%
3-4	45	5	1	48.9%	5.4%	38.0%	59.0%
4-5	39	2	2	46.4%	5.4%	35.5%	56.5%
5-	35	2	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	373	191	5	48.3%	2.6%	43.2%	53.3%
1-2	177	94	1	22.5%	2.2%	18.4%	26.9%
2-3	82	31	2	13.9%	1.8%	10.6%	17.7%
3-4	49	10	0	11.1%	1.7%	8.1%	14.6%
4-5	39	4	1	10.0%	1.6%	7.1%	13.3%
5-	34	2	32				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	207	102	0	50.7%	3.5%	43.7%	57.3%
1-2	105	60	1	21.5%	2.9%	16.2%	27.3%
2-3	44	19	1	12.1%	2.3%	8.1%	17.0%
3-4	24	6	0	9.1%	2.0%	5.6%	13.5%
4-5	18	3	0	7.6%	1.9%	4.4%	11.7%
5-	15	1	14				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	166	89	5	45.3%	3.9%	37.5%	52.8%
1-2	72	34	0	23.9%	3.4%	17.6%	30.8%
2-3	38	12	1	16.3%	2.9%	11.1%	22.5%
3-4	25	4	0	13.7%	2.7%	8.9%	19.6%
4-5	21	1	1	13.1%	2.7%	8.4%	18.8%
5-	19	1	18				

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	1466	52	17	96.5%	0.5%	95.4%	97.3%
1-2	1397	67	16	91.9%	0.7%	90.3%	93.2%
2-3	1314	76	29	86.5%	0.9%	84.6%	88.2%
3-4	1209	58	32	82.3%	1.0%	80.2%	84.2%
4-5	1119	44	51	79.0%	1.1%	76.8%	81.0%
5-	1024	74	950				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	940	37	11	96.1%	0.6%	94.6%	97.1%
1-2	892	46	9	91.1%	0.9%	89.0%	92.7%
2-3	837	56	23	84.9%	1.2%	82.4%	87.1%
3-4	758	41	17	80.3%	1.3%	77.5%	82.7%
4-5	700	29	29	76.9%	1.4%	74.0%	79.5%
5-	642	54	588				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	526	15	6	97.3%	0.7%	95.5%	98.4%
1-2	505	21	7	93.2%	1.1%	90.7%	95.1%
2-3	477	20	6	89.3%	1.4%	86.3%	91.7%
3-4	451	17	15	85.9%	1.5%	82.6%	88.6%
4-5	419	15	22	82.8%	1.7%	79.2%	85.8%
5-	382	20	362				

## 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	135	16	1	88.1%	2.8%	81.3%	92.5%
1-2	118	23	1	70.8%	3.9%	62.3%	77.7%
2-3	94	23	1	53.5%	4.3%	44.6%	61.5%
3-4	70	14	3	42.5%	4.3%	33.9%	50.7%
4-5	53	6	2	37.6%	4.3%	29.3%	45.8%
5-	45	8	37				

#### Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	89	10	0	88.8%	3.4%	80.1%	93.8%
1-2	79	17	1	69.4%	4.9%	58.7%	77.9%
2-3	61	13	0	54.6%	5.3%	43.7%	64.3%
3-4	48	12	2	40.6%	5.3%	30.2%	50.7%
4-5	34	4	2	35.6%	5.2%	25.7%	45.7%
5-	28	4	24				

#### Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	46	6	1	86.7%	5.1%	72.8%	93.8%
1-2	39	6	0	73.4%	6.6%	57.9%	83.9%
2-3	33	10	1	51.1%	7.5%	35.8%	64.5%
3-4	22	2	1	46.4%	7.5%	31.4%	60.1%
4-5	19	2	0	41.5%	7.5%	26.9%	55.5%
5-	17	4	13				

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	224	87	1	61.2%	3.3%	54.4%	67.2%
1-2	136	70	0	29.7%	3.1%	23.8%	35.8%
2-3	66	24	1	18.8%	2.6%	14.0%	24.2%
3-4	41	10	0	14.2%	2.4%	10.0%	19.2%
4-5	31	2	0	13.3%	2.3%	9.2%	18.2%
5-	29	2	27				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	156	64	1	59.0%	3.9%	50.8%	66.2%
1-2	91	46	0	29.2%	3.7%	22.2%	36.4%
2-3	45	16	0	18.8%	3.1%	13.1%	25.3%
3-4	29	6	0	14.9%	2.9%	9.8%	21.0%
4-5	23	2	0	13.6%	2.8%	8.8%	19.5%
5-	21	1	20				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	68	23	0	66.2%	5.7%	53.6%	76.1%
1-2	45	24	0	30.9%	5.6%	20.4%	42.0%
2-3	21	8	1	18.8%	4.8%	10.5%	29.0%
3-4	12	4	0	12.6%	4.1%	5.9%	21.7%
4-5	8	0	0	12.6%	4.1%	5.9%	21.7%
5-	8	1	7				

## 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	139	4	1	97.1%	1.4%	92.5%	98.9%
1-2	134	3	2	94.9%	1.9%	89.6%	97.6%
2-3	129	4	6	91.9%	2.3%	85.9%	95.4%
3-4	119	3	0	89.6%	2.6%	83.1%	93.7%
4-5	116	1	6	88.8%	2.7%	82.1%	93.1%
5-	109	2	107				

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	276	4	9	98.5%	0.7%	96.1%	99.4%
1-2	263	2	3	97.8%	0.9%	95.1%	99.0%
2-3	258	7	10	95.1%	1.3%	91.7%	97.1%
3-4	241	7	7	92.3%	1.7%	88.2%	94.9%
4-5	227	7	4	89.4%	1.9%	84.9%	92.6%
5-	216	3	213				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	160	5	2	96.9%	1.4%	92.6%	98.7%
1-2	153	3	0	95.0%	1.7%	90.2%	97.5%
2-3	150	8	2	89.9%	2.4%	84.0%	93.7%
3-4	140	1	10	89.2%	2.5%	83.2%	93.2%
4-5	129	3	8	87.1%	2.7%	80.7%	91.5%
5-	118	5	113				

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	257	8	2	96.9%	1.1%	93.8%	98.4%
1-2	247	11	2	92.6%	1.6%	88.6%	95.2%
2-3	234	5	2	90.6%	1.8%	86.3%	93.6%
3-4	227	6	5	88.1%	2.0%	83.5%	91.6%
4-5	216	12	11	83.1%	2.4%	77.9%	87.3%
5-	193	5	188				

SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	182	5	1	97.3%	1.2%	93.5%	98.9%
1-2	176	14	3	89.5%	2.3%	84.0%	93.2%
2-3	159	8	7	84.9%	2.7%	78.7%	89.4%
3-4	144	10	2	78.9%	3.1%	72.1%	84.3%
4-5	132	7	5	74.7%	3.3%	67.5%	80.5%
5-	120	7	113				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	31	3	0	90.3%	5.3%	72.9%	96.8%
1-2	28	1	0	87.1%	6.0%	69.2%	95.0%
2-3	27	5	0	71.0%	8.2%	51.6%	83.7%
3-4	22	0	1	71.0%	8.2%	51.6%	83.7%
4-5	21	2	2	64.0%	8.7%	44.5%	78.3%
5-	17	2	15				



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	17	0	0	100.0%	.	.	.
1-2	17	1	0	94.1%	5.7%	65.0%	99.2%
2-3	16	0	1	94.1%	5.7%	65.0%	99.2%
3-4	15	0	1	94.1%	5.7%	65.0%	99.2%
4-5	14	0	0	94.1%	5.7%	65.0%	99.2%
5-	14	2	12				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	48	2	1	95.8%	2.9%	84.4%	98.9%
1-2	45	2	0	91.6%	4.0%	79.1%	96.8%
2-3	43	2	0	87.3%	4.8%	73.9%	94.1%
3-4	41	2	1	83.0%	5.5%	68.8%	91.1%
4-5	38	1	2	80.8%	5.8%	66.3%	89.5%
5-	35	3	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	205	3	3	98.5%	0.8%	95.5%	99.5%
1-2	199	9	1	94.1%	1.7%	89.8%	96.6%
2-3	189	14	4	87.0%	2.4%	81.5%	91.0%
3-4	171	10	2	81.9%	2.7%	75.8%	86.6%
4-5	159	7	11	78.2%	3.0%	71.7%	83.3%
5-	141	4	137				

SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	295	13	4	95.9%	1.2%	92.9%	97.7%
1-2	278	12	2	91.8%	1.6%	87.9%	94.4%
2-3	264	19	2	85.1%	2.1%	80.5%	88.7%
3-4	243	15	10	79.7%	2.4%	74.6%	84.0%
4-5	218	13	13	74.9%	2.6%	69.4%	79.5%
5-	192	13	179				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	72	12	0	83.3%	4.4%	72.5%	90.2%
1-2	60	8	2	72.0%	5.3%	60.0%	80.9%
2-3	50	4	2	66.2%	5.6%	54.0%	76.0%
3-4	44	2	1	63.2%	5.8%	50.8%	73.2%
4-5	41	2	5	59.8%	5.9%	47.2%	70.3%
5-	34	7	27				

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-							

N2 & SM

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	1	.	.	.	.
5-	0						

N2 & MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	8	0	1	100.0%	.	.	.
1-2	0	0	0	100.0%	.	.	.
2-3	0	0	0	100.0%	.	.	.
3-4	0	0	0	100.0%	.	.	.
4-5	0	0	0	100.0%	.	.	.
5-	7	2	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	82	3	1	96.3%	2.1%	89.0%	98.8%
1-2	78	2	0	93.8%	2.7%	85.8%	97.4%
2-3	76	4	2	88.8%	3.5%	79.6%	94.0%
3-4	70	4	1	83.7%	4.1%	73.6%	90.2%
4-5	65	1	3	82.4%	4.3%	72.1%	89.2%
5-	61	3	58				

# SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	145	13	0	91.0%	2.4%	85.1%	94.7%
1-2	132	20	1	77.2%	3.5%	69.4%	83.2%
2-3	111	8	3	71.5%	3.8%	63.4%	78.2%
3-4	100	5	3	67.9%	3.9%	59.6%	74.9%
4-5	92	8	6	61.9%	4.1%	53.3%	69.4%
5-	78	6	72				

# Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	43	7	1	83.3%	5.8%	68.2%	91.7%
1-2	35	2	0	78.6%	6.3%	62.9%	88.2%
2-3	33	1	1	76.1%	6.6%	60.2%	86.4%
3-4	31	2	2	71.2%	7.0%	54.9%	82.5%
4-5	27	2	1	65.9%	7.4%	49.3%	78.3%
5-	24	2	22				

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	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				

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	1	0				

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	10	0	0	100.0%	.	.	.
1-2	10	2	0	80.0%	12.7%	40.9%	94.6%
2-3	8	0	0	80.0%	12.7%	40.9%	94.6%
3-4	8	1	1	70.0%	14.5%	32.9%	89.2%
4-5	6	0	1	70.0%	14.5%	32.9%	89.2%
5-	5	0	5				

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	1	1	85.0%	8.0%	60.4%	94.9%
2-3	16	3	0	69.1%	10.5%	43.6%	84.8%
3-4	13	0	1	69.1%	10.5%	43.6%	84.8%
4-5	12	0	1	69.1%	10.5%	43.6%	84.8%
5-	11	1	10				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	23	3	0	87.0%	7.0%	64.8%	95.6%
1-2	20	5	1	64.1%	10.2%	40.8%	80.2%
2-3	14	4	0	45.8%	10.6%	24.7%	64.6%
3-4	10	1	0	41.2%	10.5%	21.1%	60.4%
4-5	9	0	0	41.2%	10.5%	21.1%	60.4%
5-	9	0	9				

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	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	1	0				

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	1	0	0.0%			
1-2	0	0	0	.			
2-3	0	0	0				
3-4	0	0	0				
4-5	0	0	0				
5-	0	0	0				

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	7	1	0	85.7%	13.2%	33.4%	97.9%
1-2	6	2	0	57.1%	18.7%	17.2%	83.7%
2-3	4	0	0	57.1%	18.7%	17.2%	83.7%
3-4	4	0	0	57.1%	18.7%	17.2%	83.7%
4-5	4	0	0	57.1%	18.7%	17.2%	83.7%
5-	4	0	4				

SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	12	3	0	75.0%	12.5%	40.8%	91.2%
1-2	9	5	0	33.3%	13.6%	10.3%	58.8%
2-3	4	0	1	33.3%	13.6%	10.3%	58.8%
3-4	3	0	0	33.3%	13.6%	10.3%	58.8%
4-5	3	0	0	33.3%	13.6%	10.3%	58.8%
5-	3	0	3				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	15	4	0	73.3%	11.4%	43.6%	89.1%
1-2	11	7	0	26.7%	11.4%	8.3%	49.6%
2-3	4	0	0	26.7%	11.4%	8.3%	49.6%
3-4	4	1	0	20.0%	10.3%	4.9%	42.4%
4-5	3	0	0	20.0%	10.3%	4.9%	42.4%
5-	3	0	3				



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	74	3	2	95.9%	2.3%	87.7%	98.7%
1-2	69	1	3	94.5%	2.7%	85.9%	97.9%
2-3	65	1	3	93.0%	3.0%	84.0%	97.0%
3-4	61	0	0	93.0%	3.0%	84.0%	97.0%
4-5	61	0	0	93.0%	3.0%	84.0%	97.0%
5-	61	2	59				

SM

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	167	0	3	100.0%	.	.	.
1-2	164	1	4	99.4%	0.6%	95.7%	99.9%
2-3	159	3	3	97.5%	1.2%	93.5%	99.1%
3-4	153	3	6	95.5%	1.7%	90.8%	97.8%
4-5	144	5	5	92.2%	2.2%	86.6%	95.5%
5-	134	7	127				

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	181	6	3	96.7%	1.3%	92.7%	98.5%
1-2	172	4	1	94.4%	1.7%	89.9%	97.0%
2-3	167	5	1	91.6%	2.1%	86.4%	94.8%
3-4	161	6	5	88.2%	2.4%	82.4%	92.1%
4-5	150	6	8	84.6%	2.7%	78.3%	89.2%
5-	136	7	129				

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	174	8	1	95.4%	1.6%	91.0%	97.7%
1-2	165	7	2	91.3%	2.1%	86.0%	94.7%
2-3	156	8	4	86.6%	2.6%	80.5%	90.9%
3-4	144	5	2	83.6%	2.8%	77.1%	88.4%
4-5	137	6	5	79.9%	3.1%	73.0%	85.2%
5-	126	9	117				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	104	4	0	96.2%	1.9%	90.1%	98.5%
1-2	100	10	1	86.5%	3.4%	78.2%	91.8%
2-3	89	8	3	78.6%	4.1%	69.3%	85.4%
3-4	78	5	3	73.4%	4.4%	63.7%	81.0%
4-5	70	3	7	70.1%	4.6%	60.0%	78.1%
5-	134	7	127				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	20	3	0	85.0%	8.0%	60.4%	94.9%
1-2	17	1	1	79.7%	9.1%	54.5%	91.9%
2-3	15	3	0	63.8%	11.0%	38.6%	80.8%
3-4	12	2	0	53.1%	11.4%	29.2%	72.3%
4-5	10	1	0	47.8%	11.5%	24.8%	67.7%
5-	9	2	7				

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	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	1	0	0.0%			
5-	0	0					

SM

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

MP

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	49	0	2	100.0%			
1-2	47	2	0	95.7%	2.9%	84.0%	98.9%
2-3	45	3	1	89.4%	4.5%	76.3%	95.4%
3-4	41	0	1	89.4%	4.5%	76.3%	95.4%
4-5	40	2	0	84.9%	5.3%	70.9%	92.5%
5-	38	2	36				

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	177	12	2	93.2%	1.9%	88.3%	96.1%
1-2	163	5	0	90.3%	2.2%	84.9%	93.9%
2-3	158	16	4	81.0%	3.0%	74.4%	86.1%
3-4	138	9	2	75.7%	3.3%	68.6%	81.4%
4-5	127	3	4	73.9%	3.4%	66.6%	79.8%
5-	120	10	110				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	226	13	0	94.7%	1.5%	90.8%	96.9%
1-2	213	19	1	86.2%	2.3%	81.0%	90.1%
2-3	193	19	5	77.6%	2.8%	71.6%	82.5%
3-4	169	10	3	73.0%	3.0%	66.6%	78.3%
4-5	156	11	7	67.7%	3.2%	61.1%	73.5%
5-	138	12	126				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	45	5	0	88.9%	4.7%	75.3%	95.2%
1-2	40	6	1	75.5%	6.4%	60.1%	85.6%
2-3	33	4	2	66.0%	7.2%	50.0%	78.0%
3-4	27	4	1	56.2%	7.6%	40.2%	69.5%
4-5	22	3	1	48.4%	7.8%	32.7%	62.5%
5-	18	2	16				

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	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	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				

MP

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

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	54	0	1	100.0%	.	.	.
1-2	53	5	0	90.6%	4.0%	78.8%	96.0%
2-3	48	3	0	84.9%	4.9%	72.1%	92.2%
3-4	45	5	1	75.5%	5.9%	61.5%	85.0%
4-5	39	0	2	75.5%	5.9%	61.5%	85.0%
5-	37	3	34				

SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	61	5	1	91.8%	3.5%	81.4%	96.5%
1-2	55	11	1	73.3%	5.7%	60.1%	82.7%
2-3	43	5	2	64.5%	6.3%	50.8%	75.2%
3-4	36	4	1	57.3%	6.5%	43.6%	68.8%
4-5	31	2	1	53.5%	6.6%	39.8%	65.4%
5-	28	2	26				

Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	25	2	1	92.0%	5.4%	71.6%	97.9%
1-2	22	4	0	75.3%	8.8%	53.0%	88.1%
2-3	18	2	0	66.9%	9.6%	44.6%	81.9%
3-4	16	2	0	58.6%	10.1%	36.7%	75.2%
4-5	14	0	3	58.6%	10.1%	36.7%	75.2%
5-	11	0	11				

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	3	0	0	100.0%	.	.	.
1-2	3	0	0	100.0%	.	.	.
2-3	3	0	0	100.0%	.	.	.
3-4	3	1	0	66.7%	27.2%	5.4%	94.5%
4-5	2	1	0	33.3%	27.2%	0.9%	77.4%
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/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	0	0	100.0%	.	.	.
3-4	6	0	0	100.0%	.	.	.
4-5	6	1	0	83.3%	15.2%	27.3%	97.5%
5-	5	0	5				

## SE/A2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	15	2	0	86.7%	8.8%	56.4%	96.5%
1-2	13	4	0	60.0%	12.7%	31.8%	79.7%
2-3	9	1	0	53.3%	12.9%	26.3%	74.4%
3-4	8	2	1	40.0%	12.7%	16.5%	62.8%
4-5	5	0	0	40.0%	12.7%	16.5%	62.8%
5-	5	0	5				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	11	2	0	81.8%	11.6%	44.7%	95.1%
1-2	9	1	0	72.7%	13.4%	37.1%	90.3%
2-3	8	1	0	63.6%	14.5%	29.7%	84.5%
3-4	7	1	0	54.6%	15.0%	22.9%	78.0%
4-5	6	0	0	54.6%	15.0%	22.9%	78.0%
5-	6	1	5				



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	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	2	0	25.0%	21.7%	0.9%	66.5%
3-4	3	0	0	25.0%	21.7%	0.9%	66.5%
4-5	3	0	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	7	1	0	85.7%	13.2%	33.4%	97.9%
1-2	6	2	0	57.1%	18.7%	17.2%	83.7%
2-3	4	2	0	28.6%	17.1%	4.1%	61.2%
3-4	2	0	0	28.6%	17.1%	4.1%	61.2%
4-5	2	1	0	14.3%	13.2%	0.7%	46.5%
5-	1	1	0				

## Si/Ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	13	3	0	76.9%	11.7%	44.2%	91.9%
1-2	10	2	0	61.5%	13.5%	30.8%	81.8%
2-3	8	2	0	46.2%	13.8%	19.2%	69.6%
3-4	6	1	0	38.5%	13.5%	14.1%	62.8%
4-5	5	0	1	38.5%	13.5%	14.1%	62.8%
5-	4	0	4				

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	166	5	2	97.0%	1.3%	92.9%	98.7%
1-2	159	1	2	96.4%	1.5%	92.1%	98.4%
2-3	156	5	6	93.2%	2.0%	88.1%	96.2%
3-4	145	5	3	89.9%	2.4%	84.1%	93.7%
4-5	137	2	5	88.6%	2.5%	82.5%	92.7%
5-	130	2	128				

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	239	2	4	99.2%	0.6%	96.7%	99.8%
1-2	233	4	2	97.5%	1.0%	94.4%	98.9%
2-3	227	5	11	95.3%	1.4%	91.6%	97.4%
3-4	211	3	5	93.9%	1.6%	89.9%	96.3%
4-5	203	5	5	91.6%	1.9%	87.1%	94.5%
5-	193	7	186				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	203	4	5	98.0%	1.0%	94.8%	99.3%
1-2	194	5	0	95.5%	1.5%	91.5%	97.6%
2-3	189	4	4	93.5%	1.8%	89.0%	96.2%
3-4	181	3	8	91.9%	2.0%	87.0%	94.9%
4-5	170	5	8	89.1%	2.3%	83.7%	92.7%
5-	157	4	153				

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	579	16	7	97.4%	0.7%	95.7%	98.4%
1-2	556	23	8	93.4%	1.0%	91.0%	95.1%
2-3	525	23	6	89.2%	1.3%	86.4%	91.5%
3-4	496	16	15	86.3%	1.5%	83.2%	88.9%
4-5	465	17	29	83.1%	1.6%	79.7%	86.0%
5-	419	24	395				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	175	13	0	92.6%	2.0%	87.6%	95.6%
1-2	162	13	1	85.1%	2.7%	78.9%	89.6%
2-3	148	15	3	76.4%	3.2%	69.4%	82.0%
3-4	130	8	5	71.6%	3.4%	64.2%	77.7%
4-5	117	8	7	66.5%	3.6%	58.9%	73.1%
5-	102	5	97				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	43	7	0	83.7%	5.6%	68.9%	91.9%
1-2	36	5	0	72.1%	6.8%	56.1%	83.1%
2-3	31	1	1	69.8%	7.0%	53.7%	81.2%
3-4	29	1	3	67.1%	7.2%	50.8%	79.0%
4-5	25	1	2	64.3%	7.5%	47.8%	76.8%
5-	22	2	20				

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	0						
1-2							
2-3							
3-4							
4-5							
5-							

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	23	1	0	95.7%	4.3%	72.9%	99.4%
1-2	22	0	0	95.7%	4.3%	72.9%	99.4%
2-3	22	1	0	91.3%	5.9%	69.5%	97.8%
3-4	21	1	1	82.4%	8.0%	59.6%	93.0%
4-5	19	2	0	77.8%	8.8%	54.6%	90.1%
5-	17	0	17				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	43	0	1	100.0%	.	.	.
1-2	42	2	0	95.2%	3.3%	82.3%	98.8%
2-3	40	4	0	85.7%	5.4%	70.9%	93.3%
3-4	36	0	0	85.7%	5.4%	70.9%	93.3%
4-5	36	1	3	83.2%	5.8%	67.9%	91.6%
5-	32	1	31				

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	4	1	98.0%	1.0%	94.8%	99.3%
1-2	197	12	1	92.0%	1.9%	87.3%	95.0%
2-3	184	6	5	89.0%	2.2%	83.7%	92.6%
3-4	173	10	3	83.8%	2.6%	77.9%	88.3%
4-5	160	10	9	78.5%	3.0%	72.0%	83.6%
5-	141	9	132				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	107	4	1	96.3%	1.8%	90.4%	98.6%
1-2	102	10	1	86.8%	3.3%	78.8%	92.0%
2-3	91	6	0	81.1%	3.8%	72.3%	87.4%
3-4	85	9	2	72.4%	4.4%	62.8%	80.0%
4-5	74	5	1	67.5%	4.6%	57.6%	75.6%
5-	68	4	64				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	14	3	0	78.6%	11.0%	47.3%	92.5%
1-2	11	2	0	64.3%	12.8%	34.3%	83.3%
2-3	9	1	1	57.1%	13.2%	28.4%	78.0%
3-4	7	1	1	49.0%	13.6%	21.6%	71.7%
4-5	5	0	0	49.0%	13.6%	21.6%	71.7%
5-	5	2	3				

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	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	1	100.0%			
5-	2	0	2				

mp

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

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	104	6	2	94.1%	2.3%	87.4%	97.3%
1-2	96	7	1	87.2%	3.3%	79.0%	92.4%
2-3	88	7	2	80.2%	4.0%	71.0%	86.8%
3-4	79	5	2	75.1%	4.3%	65.4%	82.5%
4-5	72	4	7	70.8%	4.6%	60.8%	78.7%
5-	61	4	57				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	82	9	1	88.9%	3.5%	79.8%	94.1%
1-2	72	10	0	76.6%	4.7%	65.8%	84.4%
2-3	62	8	2	66.4%	5.3%	55.0%	75.6%
3-4	52	6	0	58.8%	5.5%	47.2%	68.6%
4-5	46	3	3	54.9%	5.6%	43.3%	65.0%
5-	40	0	40				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	6	2	0	66.7%	19.3%	19.5%	90.4%
1-2	4	0	1	66.7%	19.3%	19.5%	90.4%
2-3	3	0	0	66.7%	19.3%	19.5%	90.4%
3-4	3	0	0	66.7%	19.3%	19.5%	90.4%
4-5	3	1	0	44.4%	22.2%	6.6%	78.5%
5-	2	0	2				



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	1	0	0	100.0%		
1-2	1	1	0	0.0%		
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	28	4	0	85.7%	6.6%	66.3%	94.4%
1-2	24	3	1	74.8%	8.2%	54.3%	87.1%
2-3	20	3	0	63.6%	9.2%	42.9%	78.5%
3-4	17	1	0	59.9%	9.4%	39.3%	75.4%
4-5	16	0	1	59.9%	9.4%	39.3%	75.4%
5-	15	3	12				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	18	5	0	72.2%	10.6%	45.6%	87.4%
1-2	13	6	0	38.9%	11.5%	17.5%	60.0%
2-3	7	2	1	26.7%	10.7%	9.1%	48.2%
3-4	4	1	0	20.0%	9.9%	5.3%	41.4%
4-5	3	1	0	13.3%	8.6%	2.3%	34.0%
5-	2	0	2				

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	2	0	25.0%	21.7%	0.9%	66.5%
3-4	1	1	0	0.0%			
4-5	0	0	0				
5-	0						

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/a1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	12	3	0	75.0%	12.5%	40.8%	91.2%
1-2	9	3	0	50.0%	14.4%	20.9%	73.6%
2-3	6	0	1	50.0%	14.4%	20.9%	73.6%
3-4	6	0	0	50.0%	14.4%	20.9%	73.6%
4-5	6	0	0	50.0%	14.4%	20.9%	73.6%
5-	5	0	5				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	8	2	1	72.9%	16.5%	27.6%	92.5%
1-2	5	4	0	14.6%	13.5%	0.7%	47.1%
2-3	1	0	0	14.6%	13.5%	0.7%	47.1%
3-4	1	0	0	14.6%	13.5%	0.7%	47.1%
4-5	1	0	0	14.6%	13.5%	0.7%	47.1%
5-	1	0	1				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	5	2	0	60.0%	21.9%	12.6%	88.2%
1-2	3	0	0	60.0%	21.9%	12.6%	88.2%
2-3	3	1	0	40.0%	21.9%	5.2%	75.3%
3-4	2	1	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				

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	62	2	1	96.8%	2.2%	87.7%	99.2%
1-2	59	0	2	96.8%	2.2%	87.7%	99.2%
2-3	57	0	2	96.8%	2.2%	87.7%	99.2%
3-4	55	0	0	96.8%	2.2%	87.7%	99.2%
4-5	55	1	2	95.0%	2.8%	85.2%	98.4%
5-	52	3	49				

sm

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	164	0	4	100.0%	.	.	.
1-2	160	2	3	98.7%	0.9%	95.0%	99.7%
2-3	155	3	2	96.8%	1.4%	92.5%	98.7%
3-4	150	2	4	95.5%	1.7%	90.8%	97.8%
4-5	144	3	3	93.5%	2.0%	88.3%	96.5%
5-	138	7	131				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	220	5	2	97.7%	1.0%	94.6%	99.1%
1-2	213	6	2	95.0%	1.5%	91.1%	97.2%
2-3	205	5	2	92.6%	1.8%	88.3%	95.4%
3-4	198	5	2	90.3%	2.0%	85.5%	93.6%
4-5	191	5	7	87.9%	2.2%	82.8%	91.6%
5-	179	10	169				

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	282	17	2	94.3%	1.4%	90.9%	96.5%
1-2	263	6	3	92.1%	1.6%	88.3%	94.8%
2-3	254	8	9	89.2%	1.9%	84.9%	92.3%
3-4	237	4	6	87.7%	2.0%	83.2%	91.0%
4-5	227	6	17	85.3%	2.2%	80.5%	89.0%
5-	204	18	186				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	139	5	0	96.4%	1.6%	91.6%	98.5%
1-2	134	12	0	87.8%	2.8%	81.1%	92.2%
2-3	122	9	1	81.3%	3.3%	73.7%	86.9%
3-4	112	8	4	75.4%	3.7%	67.3%	81.8%
4-5	100	5	4	71.6%	3.9%	63.2%	78.4%
5-	91	11	80				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	19	2	0	89.5%	7.0%	64.1%	97.3%
1-2	17	3	1	73.7%	10.1%	47.9%	88.1%
2-3	13	3	1	56.1%	11.8%	30.9%	75.3%
3-4	9	0	0	56.1%	11.8%	30.9%	75.3%
4-5	9	0	0	56.1%	11.8%	30.9%	75.3%
5-	9	0	9				

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	0						
1-2							
2-3							
3-4							
4-5							
5-							

sm

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	0	0	100.0%	.	.	.
3-4	14	0	1	100.0%	.	.	.
4-5	13	2	0	84.6%	10.0%	51.2%	95.9%
5-	11	0	11				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	52	1	0	98.1%	1.9%	87.1%	99.7%
1-2	51	0	0	98.1%	1.9%	87.1%	99.7%
2-3	51	5	2	88.4%	4.5%	76.0%	94.6%
3-4	44	0	1	88.4%	4.5%	76.0%	94.6%
4-5	43	3	2	82.1%	5.4%	68.4%	90.3%
5-	38	3	35				

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	164	8	1	95.1%	1.7%	90.4%	97.5%
1-2	155	11	0	88.4%	2.5%	82.4%	92.4%
2-3	144	16	4	78.4%	3.2%	71.2%	84.0%
3-4	124	10	2	72.1%	3.5%	64.4%	78.3%
4-5	112	6	5	68.1%	3.7%	60.2%	74.7%
5-	101	9	92				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	95	10	0	89.5%	3.2%	81.3%	94.2%
1-2	85	6	1	83.1%	3.9%	73.9%	89.3%
2-3	78	14	0	68.2%	4.8%	57.8%	76.6%
3-4	64	7	1	60.6%	5.1%	50.0%	69.7%
4-5	56	6	3	53.9%	5.2%	43.2%	63.4%
5-	47	3	44				

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	4	0	60.0%	12.7%	31.8%	79.7%
2-3	9	1	1	52.5%	13.1%	25.2%	74.0%
3-4	7	3	0	30.0%	12.4%	9.5%	54.0%
4-5	4	1	0	22.5%	11.3%	5.6%	46.3%
5-	3	1	2				



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	1	0	80.0%	17.9%	20.4%	96.9%
2-3	4	0	0	80.0%	17.9%	20.4%	96.9%
3-4	4	0	0	80.0%	17.9%	20.4%	96.9%
4-5	4	0	0	80.0%	17.9%	20.4%	96.9%
5-	4	0	4				

mp

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	15	0	1	100.0%	.	.	.
1-2	14	2	0	85.7%	9.4%	53.9%	96.2%
2-3	12	1	1	78.6%	11.0%	47.3%	92.5%
3-4	10	1	1	70.7%	12.4%	39.4%	87.9%
4-5	8	0	1	70.7%	12.4%	39.4%	87.9%
5-	7	0	7				

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	67	2	1	97.0%	2.1%	88.5%	99.2%
1-2	64	10	0	81.8%	4.7%	70.2%	89.3%
2-3	54	9	0	68.2%	5.7%	55.5%	78.0%
3-4	45	3	2	63.6%	5.9%	50.8%	73.9%
4-5	40	3	2	58.7%	6.1%	45.8%	69.6%
5-	35	2	33				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	54	2	2	96.3%	2.6%	86.0%	99.1%
1-2	50	8	0	80.9%	5.4%	67.4%	89.2%
2-3	42	8	3	65.0%	6.7%	50.3%	76.4%
3-4	31	9	1	45.9%	7.1%	31.6%	59.1%
4-5	21	3	0	39.3%	7.1%	25.7%	52.7%
5-	18	1	17				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	6	0	0	100.0%	.	.	.
1-2	6	1	1	83.3%	15.2%	27.3%	97.5%
2-3	4	0	0	83.3%	15.2%	27.3%	97.5%
3-4	4	1	0	62.5%	21.4%	14.2%	89.3%
4-5	3	0	0	62.5%	21.4%	14.2%	89.3%
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	2	0	0	100.0%	.	.	.
1-2	2	0	0	100.0%	.	.	.
2-3	2	0	0	100.0%	.	.	.
3-4	2	1	0	50.0%	35.4%	0.6%	91.0%
4-5	1	0	0	50.0%	35.4%	0.6%	91.0%
5-	1	1	0				

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	12	0	0	100.0%	.	.	.
1-2	12	5	0	58.3%	14.2%	27.0%	80.1%
2-3	7	1	0	50.0%	14.4%	20.9%	73.6%
3-4	6	2	0	33.3%	13.6%	10.3%	58.8%
4-5	4	2	0	16.7%	10.8%	2.7%	41.3%
5-	2	0	2				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	15	2	0	86.7%	8.8%	56.4%	96.5%
1-2	13	4	0	60.0%	12.7%	31.8%	79.7%
2-3	9	1	0	53.3%	12.9%	26.3%	74.4%
3-4	8	2	0	40.0%	12.7%	16.5%	62.8%
4-5	6	2	0	26.7%	11.4%	8.3%	49.6%
5-	4	0	4				

si/ai

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	7	3	0	57.1%	18.7%	17.2%	83.7%
1-2	4	0	0	57.1%	18.7%	17.2%	83.7%
2-3	4	1	0	42.9%	18.7%	9.8%	73.4%
3-4	3	1	0	28.6%	17.1%	4.1%	61.2%
4-5	2	0	0	28.6%	17.1%	4.1%	61.2%
5-	2	2	0				

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	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	10	0	0	100.0%	.	.	.
1-2	10	5	0	50.0%	15.8%	18.4%	75.3%
2-3	5	4	0	10.0%	9.5%	0.6%	35.8%
3-4	1	0	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				

se/a2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	8	2	0	75.0%	15.3%	31.5%	93.1%
1-2	6	2	0	50.0%	17.7%	15.2%	77.5%
2-3	4	2	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	1	0	12.5%	11.7%	0.7%	42.3%
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	1	0	33.3%	27.2%	0.9%	77.4%
2-3	1	0	0	33.3%	27.2%	0.9%	77.4%
3-4	1	0	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	2327	157	27	93.3%	0.5%	92.2%	94.2%
1-2	2143	155	22	86.5%	0.7%	85.0%	87.8%
2-3	1966	115	43	81.4%	0.8%	79.7%	82.9%
3-4	1808	82	49	77.6%	0.9%	75.8%	79.3%
4-5	1677	70	83	74.3%	0.9%	72.5%	76.1%
5-	1524	73	1451				

H1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	99	25	2	74.5%	4.4%	64.6%	82.0%
1-2	72	22	4	51.0%	5.1%	40.6%	60.5%
2-3	46	13	1	36.3%	5.0%	26.6%	46.1%
3-4	32	5	0	30.7%	4.8%	21.5%	40.2%
4-5	27	3	0	27.2%	4.7%	18.6%	36.7%
5-	24	1	23				

H2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	51	17	1	66.1%	6.7%	51.2%	77.4%
1-2	33	14	0	38.1%	6.9%	24.8%	51.2%
2-3	19	6	1	25.8%	6.2%	14.6%	38.4%
3-4	12	3	0	19.3%	5.7%	9.7%	31.4%
4-5	9	1	0	17.2%	5.4%	8.2%	29.0%
5-	8	2	6				

H3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	162	100	1	38.1%	3.8%	30.7%	45.6%
1-2	61	41	1	12.1%	2.6%	7.6%	17.7%
2-3	19	9	0	6.4%	2.0%	3.3%	10.9%
3-4	10	6	0	2.6%	1.3%	0.8%	6.0%
4-5	4	1	0	1.9%	1.1%	0.5%	5.1%
5-	3	0	3				

Liver metastasis (synchronous)

Rectal cancer, surgical cases

H0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1654	97	19	94.2%	0.6%	92.9%	95.2%
1-2	1538	106	17	87.6%	0.8%	85.9%	89.1%
2-3	1415	111	29	80.7%	1.0%	78.7%	82.5%
3-4	1275	72	34	76.1%	1.1%	73.9%	78.1%
4-5	1169	50	52	72.8%	1.1%	70.5%	74.9%
5-	1067	80	987				

H1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	63	17	0	73.0%	5.6%	60.2%	82.3%
1-2	46	19	0	42.9%	6.2%	30.5%	54.6%
2-3	27	6	0	33.3%	5.9%	22.1%	45.0%
3-4	21	8	0	20.6%	5.1%	11.7%	31.3%
4-5	13	2	0	17.5%	4.8%	9.3%	27.7%
5-	11	1	10				

H2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	34	10	0	70.6%	7.8%	52.2%	83.0%
1-2	24	10	0	41.2%	8.4%	24.8%	56.9%
2-3	14	4	0	29.4%	7.8%	15.4%	45.0%
3-4	10	0	0	29.4%	7.8%	15.4%	45.0%
4-5	10	0	0	29.4%	7.8%	15.4%	45.0%
5-	10	3	7				

H3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	79	47	0	40.5%	5.5%	29.7%	51.1%
1-2	32	25	0	8.9%	3.2%	3.9%	16.4%
2-3	7	2	1	6.3%	2.7%	2.3%	13.1%
3-4	4	2	0	3.2%	2.1%	0.7%	9.3%
4-5	2	1	0	1.6%	1.5%	0.1%	7.3%
5-	1	0	1				



Peritoneal metastasis (synchronous)

Colon cancer, surgical cases

P0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2,466	204	31	91.7%	0.6%	90.5%	92.7%
1-2	2,231	194	25	83.7%	0.8%	82.2%	85.1%
2-3	2,012	129	45	78.3%	0.8%	76.6%	79.9%
3-4	1,838	91	49	74.3%	0.9%	72.5%	76.0%
4-5	1,698	74	83	71.0%	0.9%	69.2%	72.8%
5-	1,541	76	1,465				

P1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	53	21	0	60.4%	6.7%	46.0%	72.1%
1-2	32	11	1	39.6%	6.7%	26.6%	52.4%
2-3	20	6	0	27.7%	6.2%	16.4%	40.2%
3-4	14	5	0	17.8%	5.3%	8.9%	29.3%
4-5	9	0	0	17.8%	5.3%	8.9%	29.3%
5-	9	1	8				

P2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	53	19	0	64.2%	6.6%	49.7%	75.4%
1-2	34	20	1	25.9%	6.1%	15.0%	38.2%
2-3	13	6	0	13.9%	4.9%	6.2%	24.8%
3-4	7	1	0	12.0%	4.6%	4.9%	22.4%
4-5	6	0	0	12.0%	4.6%	4.9%	22.4%
5-	6	0	6				

P3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	68	53	0	22.1%	5.0%	13.1%	32.5%
1-2	15	7	0	11.8%	3.9%	5.5%	20.6%
2-3	8	3	0	7.4%	3.2%	2.7%	15.1%
3-4	5	0	0	7.4%	3.2%	2.7%	15.1%
4-5	5	0	0	7.4%	3.2%	2.7%	15.1%
5-	5	0	5				

# Peritoneal metastasis (synchronous)

## Rectal cancer, surgical cases

P0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1,765	150	18	91.5%	0.7%	90.1%	92.7%
1-2	1,597	146	16	83.1%	0.9%	81.3%	84.8%
2-3	1,435	115	31	76.4%	1.0%	74.3%	78.3%
3-4	1,289	80	35	71.6%	1.1%	69.4%	73.7%
4-5	1,174	53	51	68.3%	1.1%	66.0%	70.5%
5-	1,070	83	987				

P1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	26	10	0	61.5%	9.5%	40.3%	77.1%
1-2	16	6	1	36.9%	9.7%	18.9%	55.1%
2-3	9	7	0	8.2%	5.6%	1.4%	23.0%
3-4	2	0	0	8.2%	5.6%	1.4%	23.0%
4-5	2	0	0	8.2%	5.6%	1.4%	23.0%
5-	2	0	2				

P2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	1	0	90.0%	9.5%	47.3%	98.5%
1-2	9	6	0	30.0%	14.5%	7.1%	57.8%
2-3	3	0	0	30.0%	14.5%	7.1%	57.8%
3-4	3	1	0	20.0%	12.7%	3.1%	47.5%
4-5	2	0	1	20.0%	12.7%	3.1%	47.5%
5-	1	0	1				

P3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	8	0	20.0%	12.7%	3.1%	47.5%
1-2	2	1	0	10.0%	9.5%	0.6%	35.8%
2-3	1	1	0	0.0%	.	.	.
3-4	0			.	.	.	.
4-5				.	.	.	.
5-							

Lung metastasis (synchronous)

Colon cancer, surgical cases

PM0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2,527	277	30	89.0%	0.6%	87.7%	90.2%
1-2	2,220	216	25	80.3%	0.8%	78.7%	81.8%
2-3	1,979	135	45	74.8%	0.9%	73.0%	76.4%
3-4	1,799	91	48	70.9%	0.9%	69.1%	72.7%
4-5	1,660	73	82	67.8%	1.0%	65.9%	69.6%
5-	1,505	74	1,431				

PM1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	7	5	0	28.6%	17.1%	4.1%	61.2%
1-2	2	2	0	0.0%	.	.	.
2-3				.	.	.	.
3-4				.	.	.	.
4-5				.	.	.	.
5-							

PM2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	7	1	0	85.7%	13.2%	33.4%	97.9%
1-2	6	3	0	42.9%	18.7%	9.8%	73.4%
2-3	3	0	0	42.9%	18.7%	9.8%	73.4%
3-4	3	1	0	28.6%	17.1%	4.1%	61.2%
4-5	2	0	0	28.6%	17.1%	4.1%	61.2%
5-	2	0	2				

PM3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	11	4	0	63.6%	14.5%	29.7%	84.5%
1-2	7	2	0	45.5%	15.0%	16.7%	70.7%
2-3	5	4	0	9.1%	8.7%	0.5%	33.3%
3-4	1	1	0	0.0%	.	.	.
4-5				.	.	.	.
5-							

Lung metastasis (synchronous)

Rectal cancer, surgical cases

PM0

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1,718	143	17	91.7%	0.7%	90.3%	92.9%
1-2	1,558	145	16	83.1%	0.9%	81.3%	84.8%
2-3	1,397	114	31	76.3%	1.0%	74.2%	78.2%
3-4	1,252	71	28	71.9%	1.1%	69.7%	74.0%
4-5	1,153	51	48	68.7%	1.1%	66.4%	70.8%
5-	1,054	80	974				

PM1

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	8	4	1	50.0%	17.7%	15.2%	77.5%
1-2	3	2	0	16.7%	14.8%	0.9%	50.8%
2-3	1	0	0	16.7%	14.8%	0.9%	50.8%
3-4	1	1	0	0.0%	.	.	.
4-5				.	.	.	.
5-							

PM2

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	4	0	60.0%	15.5%	25.3%	82.7%
1-2	6	3	0	30.0%	14.5%	7.1%	57.8%
2-3	3	0	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				

PM3

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	11	8	0	27.3%	13.4%	6.5%	53.9%
1-2	3	1	0	18.2%	11.6%	2.9%	44.2%
2-3	2	2	0	0.0%	.	.	.
3-4				.	.	.	.
4-5				.	.	.	.
5-							

Distant metastasis (synchronous)

Colon cancer, surgical cases

M(-)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	2,589	277	31	89.3%	0.6%	88.0%	90.4%
1-2	2,281	223	27	80.5%	0.8%	78.9%	82.0%
2-3	2,031	140	45	74.9%	0.9%	73.2%	76.5%
3-4	1,846	96	49	70.9%	0.9%	69.1%	72.6%
4-5	1,701	75	83	67.8%	0.9%	65.9%	69.6%
5-	1,543	77	1,466				

M(+)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	13	8	0	38.5%	13.5%	14.1%	62.8%
1-2	5	2	0	23.1%	11.7%	5.6%	47.5%
2-3	3	2	0	7.7%	7.4%	0.5%	29.2%
3-4	1	0	0	7.7%	7.4%	0.5%	29.2%
4-5	1	0	0	7.7%	7.4%	0.5%	29.2%
5-	1	0	1				

Distant metastasis (synchronous)

Rectal cancer, surgical cases

M(-)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1,804	162	19	91.0%	0.7%	89.6%	92.3%
1-2	1,623	151	17	82.5%	0.9%	80.7%	84.2%
2-3	1,455	117	32	75.8%	1.0%	73.8%	77.7%
3-4	1,306	79	34	71.2%	1.1%	69.0%	73.2%
4-5	1,193	53	53	68.0%	1.1%	65.7%	70.1%
5-	1,087	82	1,005				

M(+)

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	17	6	0	64.7%	11.6%	37.7%	82.3%
1-2	11	5	0	35.3%	11.6%	14.5%	57.0%
2-3	6	3	0	17.7%	9.3%	4.4%	38.3%
3-4	3	0	0	17.7%	9.3%	4.4%	38.3%
4-5	3	0	0	17.7%	9.3%	4.4%	38.3%
5-	3	1	2				

Endoscopic resection

Colon cancer, treated by endoscopy alone

m

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	194	0	6	100.0%	.	.	.
1-2	188	4	3	97.9%	1.1%	94.4%	99.2%
2-3	181	3	9	96.2%	1.4%	92.2%	98.2%
3-4	169	1	6	95.6%	1.5%	91.4%	97.8%
4-5	162	3	13	93.8%	1.8%	89.1%	96.5%
5-	146	3	143				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	151	0	5	100.0%	.	.	.
1-2	146	2	2	98.6%	1.0%	94.6%	99.7%
2-3	142	3	8	96.5%	1.6%	91.7%	98.5%
3-4	131	0	4	96.5%	1.6%	91.7%	98.5%
4-5	127	2	9	94.9%	1.9%	89.7%	97.6%
5-	116	3	113				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	43	0	1	100.0%	.	.	.
1-2	42	2	1	95.2%	3.3%	82.3%	98.8%
2-3	39	0	1	95.2%	3.3%	82.3%	98.8%
3-4	38	1	2	92.6%	4.1%	78.7%	97.6%
4-5	35	1	4	89.9%	4.8%	75.2%	96.1%
5-	30	0	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

sm

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	28	0	0	100.0%	.	.	.
1-2	28	2	1	92.6%	5.0%	73.5%	98.1%
2-3	25	1	0	88.9%	6.1%	69.4%	96.3%
3-4	24	0	3	88.9%	6.1%	69.4%	96.3%
4-5	21	0	1	88.9%	6.1%	69.4%	96.3%
5-	20	1	19				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	18	0	0	100.0%	.	.	.
1-2	18	1	1	94.1%	5.7%	65.0%	99.2%
2-3	16	1	0	88.2%	7.8%	60.6%	96.9%
3-4	15	0	2	88.2%	7.8%	60.6%	96.9%
4-5	13	0	1	88.2%	7.8%	60.6%	96.9%
5-	12	1	11				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	10	0	0	100.0%	.	.	.
1-2	10	1	0	90.0%	9.5%	47.3%	98.5%
2-3	9	0	0	90.0%	9.5%	47.3%	98.5%
3-4	9	0	1	90.0%	9.5%	47.3%	98.5%
4-5	8	0	0	90.0%	9.5%	47.3%	98.5%
5-	8	0	8				



Endoscopic resection

Rectal cancer, treated by endoscopy alone

m

Males and females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	73	1	1	98.6%	1.4%	90.6%	99.8%
1-2	71	0	2	98.6%	1.4%	90.6%	99.8%
2-3	69	1	2	97.1%	2.0%	89.0%	99.3%
3-4	66	2	2	94.2%	2.8%	85.1%	97.8%
4-5	62	1	3	92.6%	3.2%	83.1%	96.9%
5-	58	1	57				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	48	0	1	100.0%	.	.	.
1-2	47	0	1	100.0%	.	.	.
2-3	46	1	2	97.7%	2.3%	84.9%	99.7%
3-4	43	2	0	93.2%	3.8%	80.3%	97.8%
4-5	41	1	2	90.9%	4.3%	77.6%	96.5%
5-	38	1	37				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	25	1	0	96.0%	3.9%	74.8%	99.4%
1-2	24	0	1	96.0%	3.9%	74.8%	99.4%
2-3	23	0	0	96.0%	3.9%	74.8%	99.4%
3-4	23	0	2	96.0%	3.9%	74.8%	99.4%
4-5	21	0	1	96.0%	3.9%	74.8%	99.4%
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	17	1	0	94.1%	5.7%	65.0%	99.2%
1-2	16	2	0	82.4%	9.3%	54.7%	93.9%
2-3	14	0	0	82.4%	9.3%	54.7%	93.9%
3-4	14	0	0	82.4%	9.3%	54.7%	93.9%
4-5	14	0	1	82.4%	9.3%	54.7%	93.9%
5-	13	0	13				

Males

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	6	1	0	83.3%	15.2%	27.3%	97.5%
1-2	5	1	0	66.7%	19.3%	19.5%	90.4%
2-3	4	0	0	66.7%	19.3%	19.5%	90.4%
3-4	4	0	0	66.7%	19.3%	19.5%	90.4%
4-5	4	0	0	66.7%	19.3%	19.5%	90.4%
5-	4	0	4				

Females

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	11	0	0	100.0%	.	.	.
1-2	11	1	0	90.9%	8.7%	50.8%	98.7%
2-3	10	0	0	90.9%	8.7%	50.8%	98.7%
3-4	10	0	0	90.9%	8.7%	50.8%	98.7%
4-5	10	0	1	90.9%	8.7%	50.8%	98.7%
5-	9	0	9				

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	1930	202	23	89.5%	0.7%	88.1%	90.8%
1-2	1705	171	18	80.5%	0.9%	78.6%	82.2%
2-3	1516	106	33	74.8%	1.0%	72.8%	76.7%
3-4	1377	75	35	70.6%	1.1%	68.5%	72.6%
4-5	1267	48	58	68.0%	1.1%	65.8%	70.0%
5-	1161	58	1103				

Rectal cancer

Year	Alive	Died	Lost	SR	SE	95% CI	
0-1	1302	114	12	91.3%	0.8%	89.6%	92.7%
1-2	1176	97	13	83.7%	1.0%	81.6%	85.6%
2-3	1066	84	22	77.1%	1.2%	74.7%	79.3%
3-4	960	57	22	72.4%	1.3%	69.9%	74.8%
4-5	881	42	38	68.9%	1.3%	66.3%	71.4%
5-	801	62	739				

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

(in alphabetical order)

Institutes	Department
Aichi Cancer Center	GI Surg
Aomori City Hospital	Surg
Asahikawa Kosei Hospital	GI
Chiba Cancer Center	GI Surg
Coloproctology Center, Social Insurance Central Hospital	Surg
Coloproctology Center, Takano Hospital	
Dokkyo University School of Medicine	Surg I
Dokkyo University School of Medicine	Surg II
Faculty of Medicine, Kyushu University	Surg II
Faculty of Medicine, Mie University	Surg II
Faculty of Medicine, University of Tokyo	Surg I
Fukui Medical School	Surg I
Fukui Prefectural Hospital	Surg
Fukuoka University, Chikushi Hospital	Surg
Fukuoka University, Chikushi Hospital	GI
Fukushima Medical University	Surg I
Fukushima Medical University	Surg II
Gifu University School of Medicine	Surg II
Gunma Cancer Center	Surg
Gunma University School of Medicine	Surg I
Hamamatsu Medical Center	Surg
Hamamatsu University School of Medicine	Surg II
Hiroshima University School of Medicine	Surg II
Hyogo Medical Center for Adults	GI
Ibaraki Prefectural Central Hospital	Surg
Iwakuni National Hospital	Surg
Iwate Medical University, School of Medicine	Surg I
Iwate Medical University, School of Medicine	IM
Izushi Municipal Hospital	Surg
Kagawa Medical University	Surg I
Kanagawa Cancer Center	Surg IV
Kanazawa Medical University	Surg
Kanto Rosai Hospital	Surg
Kariya General Hospital	Surg
Kasukabe City Hospital	Surg
Kawasaki City Ida Hospital	Surg
Kawasaki Medical School	GE Surg
Kinki University School of Medicine	Surg I
Kokura Memorial Hospital	Surg

GI=gastrointestinal; Surg=surgery; IM=internal medicine; GE=gastroenterology or gastroenterological

Kumamoto Municipal Hospital	Surg
Kyoto University, Graduate School of Medicine, Faculty of Medicine	Surg I
Medical School, Nagoya City University	Surg I
Mito Kyodo General Hospital	Surg
Nagasaki University, School of Medicine	Surg II
Nagoya University, School of Medicine	Surg II
National Cancer Center Hospital	Surg
National Cancer Center Hospital East	Surg
National Defense Medical College	Surg I
National Kyushu Cancer Center	GE Surg
National Kyushu Medical Center Hospital	Surg
National Sapporo Hospital Hokkaido Cancer Center	Surg
National Tochigi Hospital	Surg
National Tokyo Medical Center Hospital	Surg
Nihon University, School of Medicine	Surg III
Niigata University, School of Medicine	Surg I
Nippon Medical School	Surg I
Nogaki Hospital	Surg
Oita Medical University	Surg I
Okayama 1st Red Cross Hospital	Surg
Okayama University, Medical School	Surg I
Okayama University, Medical School	Surg II
Oomoto Hospital	Surg
Osaka Prefectural Hospital	Surg
Osaka Teishin Hospital	Surg
Osaka University Faculty of Medicine	Surg II
Red Cross Ashikaga Hospital	Surg
Red Cross Sendai Hospital	Surg
Saitama Medical School	Surg I
Sapporo Social Insurance General Hospital	Surg
School of Medicine, Chiba University	Surg I
School of Medicine, Kitasato University, East Hospital	Surg
School of Medicine, Tokai University	Surg II
Shikoku Cancer Center Hospital	Surg
Shimane Medical University	Surg II
Showa University School of Medicine	Surg II
Social Insurance Ritsurin Hospital	Surg
Teikyo University School of Medicine	Surg I
Teikyo University School of Medicine	Surg II

GI=gastrointestinal; Surg=surgery; IM=internal medicine; GE=gastroenterology or gastroenterological

Terada Hospital	Surg
Tochigi Cancer Center	
Toho University School of Medicine	IM III
Tokyo Kyosai Hospital	
Tokyo Medical and Dental University, School of Medicine	Surg II
Tokyo Medical University	
Tokyo Metropolitan Cancer Detection Center	
Tokyo Metropolitan Komagome Hospital	Surg
Tokyo Women's Medical University, School of Medicine	Surg II
Tokyo Women's Medical University, School of Medicine, Second Hospital	Surg
Uwajima City Hospital	Surg
Yaizu Municipal General Hospital	Surg
Yamagata Prefectural Central Hospital	Surg
Yokohama Hospital, GI Center	

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