

Supplementary Table 1. Colon + rectum (C18-20) incidence trends, age 20-49 years

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR	
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI
<b>North America</b>																
USA, SEER (9 registries)	1975-2016	1975 - 1994	-1.0 *	1994 - 2016	2.2 *							2007 - 2016	2.2 *	1.9, 2.5	10.0	9.8, 10.3
Canada (excl. Nunavut, Quebec and Yukon)	1983-2012	1983 - 1996	-1.6 *	1996 - 2010	1.4 *	2010 - 2012	7.9					2003 - 2012	2.8 *	1.1, 4.6	9.1	8.9, 9.3
<b>Oceania</b>																
Australia	1982-2015	1982 - 1994	-1.6 *	1994 - 2005	0.4	2005 - 2015	2.8 *					2006 - 2015	2.8 *	2.1, 3.6	11.2	10.9, 11.5
New Zealand	1983-2016	1983 - 1992	-6.3 *	1992 - 2008	-0.1	2008 - 2016	4.5 *					2007 - 2016	4.0 *	2.1, 6.0	9.3	8.8, 10.0
<b>Latin America</b>																
Brazil, Goiania	1993-2012	1993 - 2006	6.0 *	2006 - 2012	-6.9							2003 - 2012	-2.8	-7.0, 1.7	8.1	7.1, 9.1
Costa Rica	1982-2011	1982 - 2011	1.8 *									2002 - 2011	1.8 *	1.3, 2.3	5.1	4.6, 5.6
<b>Europe</b>																
Austria	1998-2012	1998 - 2012	-0.9 *									2003 - 2012	-0.9 *	-1.7, -0.2	6.2	5.8, 6.5
Bulgaria	1998-2012	1998 - 2012	-0.1									2003 - 2012	-0.1	-1.0, 0.8	7.5	7.1, 8.0
Croatia	1988-2012	1988 - 2000	4.6 *	2000 - 2012	-1.2							2003 - 2012	-1.2	-2.9, 0.7	8.6	8.0, 9.2
Cyprus	1998-2012	1998 - 2012	3.8 *									2003 - 2012	3.8 *	1.4, 6.2	7.8	6.5, 9.0
Denmark	1978-2012	1978 - 1994	-1.6 *	1994 - 2012	1.0 *							2003 - 2012	1.0 *	0.4, 1.7	7.4	6.9, 7.8
Estonia	1983-2012	1983 - 2012	0.1									2003 - 2012	0.1	-0.7, 0.9	6.0	5.1, 6.9
Finland	1953-2016	1953 - 1969	3.0 *	1969-2016	0.9 *							2007 - 2016	0.9 *	0.7, 1.1	unavailable	
France (9 registries)	1998-2012	1998 - 2012	-0.4									2003 - 2012	-0.4	-1.1, 0.2	7.2	6.8, 7.6
Germany (2 registries)	1998-2012	1998 - 2012	1.3 *									2003 - 2012	1.3 *	0.1, 2.5	7.7	7.1, 8.4
Ireland	1994-2012	1994 - 2012	0.4									2003 - 2012	0.4	-0.5, 1.3	8.2	7.7, 8.8
Italy (8 registries)	1998-2012	1998 - 2012	-1.0 *									2003 - 2012	-1.0 *	-2.0, -0.1	7.9	7.4, 8.4
Lithuania	1993-2012	1993 - 2012	-1.1 *									2003 - 2012	-1.1 *	-2.0, -0.3	5.4	4.9, 6.0
Malta	1993-2012	1993 - 2012	-1.7									2003 - 2012	-1.7	-3.6, 0.3	6.4	4.7, 8.0
Netherlands	1989-2012	1989 - 1998	-0.7	1998 - 2012	2.0 *							2003 - 2012	2.0 *	1.6, 2.4	9.1	8.8, 9.4
Norway	1953-2017	1953 - 1992	2.4 *	1992 - 1996	-7.0	1996 - 2017	1.9 *					2008 - 2017	1.9 *	1.4, 2.5	8.8	8.3, 9.4
Poland, Kielce	1998-2012	1998 - 2012	-0.6									2003 - 2012	-0.6	-2.6, 1.5	6.2	5.2, 7.1
Slovakia	1971-2010	1971 - 1977	6.3 *	1977 - 1981	-6.2	1981 - 1984	11.3	1984 - 2010	0.5 *			2001 - 2010	0.5 *	0.2, 0.9	10.0	9.3, 10.7
Slovenia	1983-2012	1983 - 2012	0.8 *									2003 - 2012	0.8 *	0.4, 1.3	8.4	7.6, 9.2
Spain (9 registries)	1993-2012	1993 - 2012	-0.4									2003 - 2012	-0.4	-0.9, 0.3	7.7	7.3, 8.1
Sweden	1970-2017	1970 - 1992	-1.2 *	1992 - 2017	1.6 *							2008 - 2017	1.6 *	1.3, 2.0	7.5	7.2, 7.9
Switzerland (6 registries)	1998-2012	1998 - 2012	0.4									2003 - 2012	0.4	-1.6, 2.5	7.1	6.4, 7.8
United Kingdom	1995-2012	1995 - 2010	1.1 *	2010 - 2012	11.3 *							2003 - 2012	3.3 *	1.1, 5.5	7.3	7.2, 7.5
<b>Asia</b>																
China (5 registries)	1998-2012	1998 - 2005	0.5	2005 - 2010	-4.3	2010 - 2012	12.8					2003 - 2012	0.4	-3.5, 4.4	6.4	6.1, 6.7
India, Chennai	1983-2012	1983 - 2012	3.0 *									2003 - 2012	3.0 *	2.2, 3.8	3.5	3.2, 3.9
Israel	1963-2012	1963 - 2007	0.9 *	2007 - 2012	-3.0							2003 - 2012	-1.3	-3.6, 1.1	7.8	7.4, 8.3
Japan (4 registries)	1998-2012	1998 - 2012	0.0									2003 - 2012	0.0	-0.7, 0.7	9.7	9.3, 10.1
Korea (5 registries)	1999-2012	1999 - 2006	6.1 *	2006 - 2012	3.2 *							2003 - 2012	4.2 *	3.4, 5.0	12.9	12.6, 13.3
Philippines, Manila	1983-2012	1983 - 2008	1.7 *	2008 - 2012	-8.5							2003 - 2012	-3.0	-6.8, 1.1	6.5	6.1, 7.0
Thailand (4 registries)	1993-2012	1993 - 2012	2.9 *									2003 - 2012	2.9 *	2.1, 3.6	5.4	5.0, 5.8
Turkey (2 registries)	1998-2012	1998 - 2012	2.4 *									2003 - 2012	2.4 *	1.4, 3.4	6.2	5.8, 6.7

\*Statistically significant

APC = annual percent change; AAPC = average annual percent change

Sources: Cancer Incidence in Five Continents; Australian Institute for Health and Welfare; New Zealand Ministry of Health; United States SEER 9 registries; Cancer Registry of Norway; Finnish Cancer Registry; Sweden cancer statistics database and population statistics databases

Supplementary Table 2. Colon + rectum (C18-20) incidence trends, age 50+ years

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR	
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI
<b>North America</b>																
USA, SEER (9 registries)	1975-2016	1975 - 1985	0.9 *	1985 - 1995	-1.7 *	1995 - 2000	0.3	2000 - 2013	-3.2 *	2013 - 2016	-0.6	2007 - 2016	-2.4 *	-3.1, -1.7	109.6	108.6, 110.6
Canada (excl. Nunavut, Quebec and Yukon)	1983-2012	1983 - 1996	-0.8 *	1996 - 2000	1.4	2000 - 2008	-0.5	2008 - 2012	-2.0 *			2003 - 2012	-1.2 *	-1.8, -0.6	145.7	144.6, 146.9
<b>Oceania</b>																
Australia	1982-2015	1982 - 1995	1.1 *	1995 - 2008	-0.4	2008 - 2015	-2.7 *					2006 - 2015	-2.2 *	-2.7, -1.6	166.0	164.6, 167.3
New Zealand	1983-2016	1983 - 1999	0.3 *	1999 - 2016	-1.8 *							2007 - 2016	-1.8 *	-2.1, -1.6	168.5	165.5, 171.5
<b>Latin America</b>																
Brazil, Goiania	1993-2012	1993 - 2005	6.0 *	2005 - 2012	-1.5							2003 - 2012	0.1	-2.6, 3.0	94.1	88.6, 99.6
Costa Rica	1982-2011	1982 - 2011	2.7 *									2002 - 2011	2.7 *	2.3, 3.1	56.9	54.3, 59.5
<b>Europe</b>																
Austria	1998-2012	1998 - 2005	-1.1 *	2005 - 2012	-3.4 *							2003 - 2012	-2.9 *	-3.5, -2.3	114.1	112.4, 115.7
Bulgaria	1998-2012	1998 - 2008	3.0 *	2008 - 2012	-1.4							2003 - 2012	1.0 *	0.1, 2.0	129.6	127.7, 131.4
Croatia	1988-2012	1988 - 2000	5.2 *	2000 - 2012	0.3							2003 - 2012	0.3	-0.6, 1.1	153.6	151.0, 156.3
Cyprus	1998-2012	1998 - 2012	2.4 *									2003 - 2012	2.4 *	1.3, 3.5	108.5	102.9, 114.1
Denmark	1978-2012	1978 - 2002	0.2 *	2002 - 2006	2.6	2006 - 2012	-0.7					2003 - 2012	0.4	-0.9, 1.7	165.8	163.4, 168.2
Estonia	1983-2012	1983 - 2012	1.5 *									2003 - 2012	1.5 *	1.3, 1.8	124.8	120.6, 129.1
Finland	1953-2016	1953 - 1957	-3.9	1957 - 1960	11.7	1960 - 1977	2.1 *	1977 - 1997	1.1 *	1997 - 2016	0.6 *	2007 - 2016	0.6 *	0.4, 0.8		unavailable
France (9 registries)	1998-2012	1998 - 2012	-0.6 *									2003 - 2012	-0.6 *	-1.1, -0.2	127.0	125.2, 128.9
Germany (2 registries)	1998-2012	1998 - 2012	-1.0 *									2003 - 2012	-1.0 *	-1.6, -0.3	141.0	137.9, 144.2
Ireland	1994-2012	1994 - 2012	0.1									2003 - 2012	0.1	-0.2, 0.3	155.7	152.7, 158.7
Italy (8 registries)	1998-2012	1998 - 2003	0.6	2003 - 2006	4.9	2006 - 2012	-4.5 *					2003 - 2012	-1.5 *	-2.9, -0.0	148.8	146.4, 151.2
Lithuania	1993-2012	1993 - 2012	1.4 *									2003 - 2012	1.4 *	1.2, 1.7	116.9	114.1, 119.7
Malta	1993-2012	1993 - 2012	0.7									2003 - 2012	0.7	-0.0, 1.5	116.7	109.3, 124.1
Netherlands	1989-2012	1989 - 2001	1.0 *	2001 - 2007	2.0 *	2007 - 2012	0.4					2003 - 2012	1.1 *	0.7, 1.6	174.9	173.4, 176.3
Norway	1953-2017	1953 - 1975	2.5 *	1975 - 1978	6.1	1978 - 1997	1.7 *	1997 - 2017	0.5 *			2008 - 2017	0.5 *	0.3, 0.7	177.0	174.2, 179.8
Poland, Kielce	1998-2012	1998 - 2012	1.3 *									2003 - 2012	1.3 *	0.6, 2.0	112.3	107.9, 116.7
Slovakia	1971-2010	1971 - 1998	3.0 *	1998 - 2010	1.4 *							2001 - 2010	1.4 *	0.8, 2.0	192.5	188.6, 196.3
Slovenia	1983-2012	1983 - 1998	3.2 *	1998 - 2007	1.0	2007 - 2010	7.6	2010 - 2012	-9.4 *			2003 - 2012	0.7	-2.5, 4.0	175.9	171.6, 180.1
Spain (9 registries)	1993-2012	1993 - 2012	2.3 *									2003 - 2012	2.3 *	2.1, 2.5	166.6	164.3, 168.9
Sweden	1970-2017	1970 - 1992	0.7 *	1992 - 1996	-0.9	1996 - 2007	0.9 *	2007 - 2017	-0.2			2008 - 2017	-0.2	-0.5, 0.1	128.2	126.6, 129.8
Switzerland (6 registries)	1998-2012	1998 - 2007	0.6	2007 - 2012	-2.5 *							2003 - 2012	-1.2 *	-2.2, -0.1	116.0	112.9, 119.1
United Kingdom	1995-2012	1995 - 1998	1.7	1998 - 2003	-1.3	2003 - 2010	1.4 *	2010 - 2012	-1.1			2003 - 2012	0.9	-0.0, 1.8	139.7	139.0, 140.4
<b>Asia</b>																
China (5 registries)	1998-2012	1998 - 2002	3.6 *	2002 - 2012	0.2							2003 - 2012	0.2	-0.1, 0.5	107.2	105.6, 108.7
India, Chennai	1983-2012	1983 - 2002	2.2 *	2002 - 2012	5.5 *							2003 - 2012	5.5 *	3.9, 7.2	27.5	25.9, 29.1
Israel	1963-2012	1963 - 1979	4.5 *	1979 - 2000	1.2 *	2000 - 2007	-0.5	2007 - 2012	-5.5 *			2003 - 2012	-3.3 *	-4.4, -2.3	141.3	138.9, 143.7
Japan (4 registries)	1998-2012	1998 - 2002	-0.5	2002 - 2012	1.6 *							2003 - 2012	1.6 *	1.1, 2.0	164.0	162.5, 165.5
Korea (5 registries)	1999-2012	1999 - 2009	5.5 *	2009 - 2012	0.2							2003 - 2012	3.7 *	2.8, 4.6	165.3	163.7, 166.9
Philippines, Manila	1983-2012	1983 - 2006	1.9 *	2006 - 2012	-5.3 *							2003 - 2012	-3.0 *	-4.5, -1.4	84.0	81.0, 86.9
Thailand (4 registries)	1993-2012	1993 - 2012	3.8 *									2003 - 2012	3.8 *	3.3, 4.3	48.3	46.7, 49.9
Turkey (2 registries)	1998-2012	1998 - 2003	9.2 *	2003 - 2012	1.9 *							2003 - 2012	1.9 *	0.6, 3.2	75.1	73.0, 77.3

\*Statistically significant

APC = annual percent change; AAPC = average annual percent change

Sources: Cancer Incidence in Five Continents; Australian Institute for Health and Welfare; New Zealand Ministry of Health; United States SEER 9 registries; Cancer Registry of Norway; Finnish Cancer Registry; Sweden cancer statistics database and population statistics database

Supplementary Table 3. Colon cancer (C18) incidence trends, age 20-49 years

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR	
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI
<b>North America</b>																
USA, SEER (9 registries)	1975-2016	1975 - 1996	-1.3 *	1996 - 2016	2.1 *							2007 - 2016	2.1 *	1.7, 2.6	6.0	5.8, 6.1
Canada (excl. Nunavut, Quebec and Yukon)	1983-2012	1983 - 1998	-1.8 *	1998 - 2012	1.4 *							2003 - 2012	1.4 *	0.9, 2.0	5.3	5.1, 5.5
<b>Oceania</b>																
Australia	1982-2015	1982 - 1995	-2.4 *	1995 - 2000	1.8	2000 - 2003	-4.8	2003 - 2015	3.4 *			2006 - 2015	3.4 *	2.7, 4.1	6.8	6.6, 7.1
New Zealand	1983-2016	1983 - 1994	-6.1 *	1994 - 2010	-0.2	2010 - 2016	6.9 *					2007 - 2016	4.5 *	1.8, 7.2	5.6	5.2, 6.1
<b>Latin America</b>																
Brazil, Goiania <sup>§</sup>	1993-2012	1993 - 2007	5.5 *	2007 - 2012	-9.4							2003 - 2012	-3.1	-8.3, 2.5	5.1	4.3, 5.9
Costa Rica	1982-2011	1982 - 2011	1.9 *									2002 - 2011	1.9 *	1.1, 2.6	2.5	2.2, 2.8
<b>Europe</b>																
Austria	1998-2012	1998 - 2012	-0.2									2003 - 2012	-0.2	-1.5, 1.1	3.7	3.4, 3.9
Bulgaria	1998-2012	1998 - 2012	0.4									2003 - 2012	0.4	-0.8, 1.6	4.5	4.2, 4.8
Croatia	1988-2012	1988 - 2012	1.5 *									2003 - 2012	1.5 *	0.3, 2.6	4.7	4.2, 5.1
Cyprus <sup>§</sup>	1998-2012	1998 - 2012	3.6 *									2003 - 2012	3.6 *	0.8, 6.6	6.3	5.1, 7.4
Denmark	1978-2012	1978 - 1998	-1.3 *	1998 - 2012	1.5 *							2003 - 2012	1.5 *	0.1, 3.0	4.4	4.1, 4.8
Estonia	1983-2012	1983 - 2012	0.3									2003 - 2012	0.3	-0.7, 1.4	3.8	3.1, 4.5
France (9 registries)	1998-2012	1998 - 2012	0.2									2003 - 2012	0.2	-0.5, 1.0	4.4	4.1, 4.7
Germany (2 registries)	1998-2012	1998 - 2012	1.8 *									2003 - 2012	1.8 *	0.1, 3.6	4.8	4.3, 5.3
Ireland	1994-2012	1994 - 2012	-0.1									2003 - 2012	-0.1	-1.1, 1.0	4.8	4.4, 5.3
Italy (8 registries)	1998-2012	1998 - 2012	-1.3 *									2003 - 2012	-1.3 *	-2.5, -0.2	5.4	5.0, 5.8
Lithuania	1993-2012	1993 - 2012	-1.5 *									2003 - 2012	-1.5 *	-2.5, -0.4	2.9	2.5, 3.2
Malta <sup>§</sup>	1993-2012	1993 - 2012	-1.3									2003 - 2012	-1.3	-4.2, 1.7	3.7	2.5, 5.0
Netherlands	1989-2012	1989 - 1997	-1.3	1997 - 2012	1.9 *							2003 - 2012	1.9 *	1.4, 2.5	5.7	5.4, 5.9
Norway	1953-2012	1953 - 1977	2.4 *	1977 - 2012	0.5 *							2003 - 2012	0.5 *	0.2, 0.9	5.5	5.1, 5.9
Poland, Kielce	1998-2012	1998 - 2012	0.5									2003 - 2012	0.5	-1.8, 2.7	3.4	2.7, 4.1
Slovakia	1971-2010	1971 - 2010	1.4 *									2001 - 2010	1.4 *	1.0, 1.8	3.2	2.9, 3.5
Slovenia	1983-2012	1983 - 2012	1.4 *									2003 - 2012	1.4 *	0.5, 2.2	4.3	3.7, 4.8
Spain (9 registries)	1993-2012	1993 - 2012	-0.4									2003 - 2012	-0.4	-1.1, 0.2	4.7	4.4, 5.1
Sweden	1970-2017	1970 - 1993	-1.3 *	1993 - 2017	1.7 *							2008 - 2017	1.7 *	1.3, 2.1	4.9	4.6, 5.2
Switzerland (6 registries)	1998-2012	1998 - 2012	1.6									2003 - 2012	1.6	-1.3, 4.5	4.7	4.1, 5.2
United Kingdom	1995-2012	1995 - 2002	-0.9	2002 - 2010	2.3 *	2010 - 2012	11.9 *					2003 - 2012	4.3 *	1.9, 6.8	4.4	4.3, 4.5
<b>Asia</b>																
China (5 registries)	1998-2012	1998 - 2012	-0.4									2003 - 2012	-0.4	-1.5, 0.7	3.5	3.2, 3.7
India, Chennai <sup>§</sup>	1983-2012	1983 - 2012	3.0 *									2003 - 2012	3.0 *	1.9, 4.1	1.6	1.4, 1.9
Israel	1963-2012	1963 - 1990	1.4 *	1990 - 1993	8.8	1993 - 2012	-0.4					2003 - 2012	-0.4	-1.1, 0.3	4.8	4.4, 5.1
Japan (4 registries)	1998-2012	1998 - 2012	-0.5									2003 - 2012	-0.5	-1.3, 0.3	5.2	5.0, 5.5
Korea (5 registries)	1999-2012	1999 - 2006	7.2 *	2006 - 2012	1.7							2003 - 2012	3.5 *	2.2, 4.8	6.2	6.0, 6.4
Philippines, Manila	1983-2012	1983 - 2012	1.3 *									2003 - 2012	1.3 *	0.6, 2.1	4.0	3.7, 4.4
Thailand (4 registries)	1993-2012	1993 - 2012	1.8 *									2003 - 2012	1.8 *	0.8, 2.8	3.0	2.7, 3.3
Turkey (2 registries)	1998-2012	1998 - 2012	2.0 *									2003 - 2012	2.0 *	0.3, 3.8	3.5	3.2, 3.8

\*Statistically significant

§Based on &lt;10 cases in one or more years

APC = annual percent change; AAPC = average annual percent change

Sources: Cancer Incidence in Five Continents; Australian Institute for Health and Welfare; New Zealand Ministry of Health; United States SEER 9 registries; Cancer Registry of Norway; Sweden cancer statistics database and population statistics database

Supplementary Table 4. Rectum and rectosigmoid junction cancer (C19-20) incidence trends, age 20-49 years

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR				
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI			
<b>North America</b>																			
USA, SEER (9 registries)	1975-2016	1975 - 1994	-0.3	1994 - 1997	7.6	1997 - 2016	2.1	*						2007 - 2016	2.1	*	1.7, 2.5	4.1	3.9, 4.2
Canada (excl. Nunavut, Quebec and Yukon)	1983-2012	1983 - 1996	-0.8	1996 - 2012	2.8	*								2003 - 2012	2.8	*	2.3, 3.3	3.8	3.7, 4.0
<b>Oceania</b>																			
Australia	1982-2015	1982 - 1992	-1.0	1992 - 2015	1.6	*								2006 - 2015	1.6	*	1.3, 2.0	4.7	4.5, 4.9
New Zealand	1983-2016	1983 - 1992	-5.7	*	1992 - 2016	1.7	*							2007 - 2016	1.7	*	0.9, 2.6	3.7	3.3, 4.1
<b>Latin America</b>																			
Brazil, Goiania <sup>§</sup>	1993-2012	1993 - 2012	1.8											2003 - 2012	1.8		-1.2, 4.9	3.0	2.4, 3.6
Costa Rica <sup>§</sup>	1982-2011	1982 - 2011	1.6	*										2002 - 2011	1.6	*	0.6, 2.5	1.6	1.4, 1.9
<b>Europe</b>																			
Austria	1998-2012	1998 - 2012	-1.8	*										2003 - 2012	-1.8	*	-3.0, -0.7	2.5	2.3, 2.7
Bulgaria	1998-2012	1998 - 2012	-0.9	*										2003 - 2012	-0.9	*	-1.6, -0.1	3.1	2.8, 3.3
Croatia	1988-2012	1988 - 2000	5.6	*	2000 - 2012	-1.7								2003 - 2012	-1.7		-3.5, 0.1	3.9	3.6, 4.3
Cyprus**	1998-2012																	1.5	1.0, 2.1
Denmark	1978-2012	1978 - 1994	-1.5	*	1994 - 2012	1.1	*							2003 - 2012	1.1	*	0.1, 2.2	2.9	2.6, 3.2
Estonia <sup>§</sup>	1983-2012	1983 - 2012	-0.1											2003 - 2012	-0.1		-1.4, 1.3	2.2	1.6, 2.7
France (9 registries)	1998-2012	1998 - 2001	-8.5		2001 - 2012	0.0								2003 - 2012	0.0		-1.8, 1.7	2.7	2.5, 3.0
Germany (2 registries)	1998-2012	1998 - 2012	0.4											2003 - 2012	0.4		-2.0, 2.9	2.9	2.6, 3.3
Ireland	1994-2012	1994 - 2012	1.1											2003 - 2012	1.1		-0.2, 2.3	3.4	3.0, 3.7
Italy (8 registries)	1998-2012	1998 - 2012	-0.3											2003 - 2012	-0.3		-2.1, 1.6	2.5	2.2, 2.8
Lithuania	1993-2012	1993 - 2012	-0.6											2003 - 2012	-0.6		-2.1, 0.8	2.6	2.2, 2.9
Malta <sup>§</sup>	1993-2012	1993 - 2010	-4.9	*	2010 - 2012	71.1								2003 - 2012	8.4		-8.2, 27.9	2.6	1.6, 3.7
Netherlands	1989-2012	1989 - 1998	-0.2		1998 - 2012	1.9	*							2003 - 2012	1.9	*	1.4, 2.5	3.4	3.3, 3.6
Norway	1953-2012	1953 - 1979	3.5	*	1979 - 2012	0.5								2003 - 2012	0.5		-0.0, 1.0	3.3	3.0, 3.7
Poland, Kielce	1998-2012	1998 - 2012	-1.8											2003 - 2012	-1.8		-5.1, 1.7	2.8	2.2, 3.4
Slovakia	1971-2010	1971 - 1977	8.7	*	1977 - 1981	-8.9		1981 - 1987	8.3	*	1987 - 1990	-7.4	1990 - 2010	0.9	*	0.2, 1.6	2.8	2.5, 3.1	
Slovenia	1983-2012	1983 - 2001	-1.6	*	2001 - 2012	3.5	*							2003 - 2012	3.5	*	1.1, 6.0	4.2	3.6, 4.7
Spain (9 registries)	1993-2012	1993 - 2012	-0.2											2003 - 2012	-0.2		-1.1, 0.7	3.0	2.7, 3.2
Sweden	1970-2017	1970 - 1992	-0.5		1992 - 2017	1.6	*							2008 - 2017	1.6	*	1.0, 2.2	2.6	2.4, 2.8
Switzerland (6 registries)	1998-2012	1998 - 2012	-1.5											2003 - 2012	-1.5		-4.1, 1.1	2.4	2.0, 2.8
United Kingdom	1995-2012	1995 - 2012	1.7	*										2003 - 2012	1.7	*	1.2, 2.2	2.9	2.8, 3.0
<b>Asia</b>																			
China (5 registries)	1998-2012	1998 - 2012	-1.1											2003 - 2012	-1.1		-2.3, 0.2	2.9	2.7, 3.2
India, Chennai <sup>§</sup>	1983-2012	1983 - 2012	2.7	*										2003 - 2012	2.7	*	1.7, 3.7	1.9	1.6, 2.1
Israel	1963-2012	1963 - 2012	0.0											2003 - 2012	0.0		-0.4, 0.3	3.1	2.8, 3.3
Japan (4 registries)	1998-2012	1998 - 2012	0.7											2003 - 2012	0.7		-0.2, 1.6	4.5	4.2, 4.7
Korea (5 registries)	1999-2012	1999 - 2012	4.9	*										2003 - 2012	4.9	*	4.3, 5.4	6.7	6.5, 6.9
Philippines, Manila	1983-2012	1983 - 2008	1.3	*	2008 - 2012	-12.4	*							2003 - 2012	-5.0		-10.0, 0.3	2.5	2.2, 2.8
Thailand (4 registries)	1993-2012	1993 - 2001	9.3	*	2001 - 2004	-6.3		2004 - 2012	7.0	*				2003 - 2012	5.4	*	1.5, 9.5	2.4	2.1, 2.6
Turkey (2 registries)	1998-2012	1998 - 2012	2.8	*										2003 - 2012	2.8	*	1.2, 4.5	2.7	2.5, 3.0

\*Statistically significant

\*\*No joinpoint analysis because one or more years had zero cases

§Based on &lt;10 cases in one or more years

APC = annual percent change; AAPC = average annual percent change

Sources: Cancer Incidence in Five Continents; Australian Institute for Health and Welfare; New Zealand Ministry of Health; United States SEER 9 registries; Cancer Registry of Norway; Sweden cancer statistics database and population statistics database

Supplementary Table 5. Colon cancer (C18) incidence trends, age 50+ years

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR	
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI
<b>North America</b>																
USA, SEER (9 registries)	1975-2016	1975 - 1985	1.2 *	1985 - 1995	-1.6 *	1995 - 2001	-0.2	2001 - 2013	-3.6 *	2013 - 2016	-1.3	2007 - 2016	-2.8 *	-3.6, -2.0	77.0	76.2, 77.8
Canada (excl. Nunavut, Quebec and Yukon)	1983-2012	1983 - 1985	2.0	1985 - 1996	-1.1 *	1996 - 1999	1.5	1999 - 2008	-0.6 *	2008 - 2012	-2.4 *	2003 - 2012	-1.4 *	-1.9, -0.9	95.7	94.8, 96.6
<b>Oceania</b>																
Australia	1982-2015	1982 - 1994	1.0 *	1994 - 2008	-0.3	2008 - 2015	-2.5 *					2006 - 2015	-2.0 *	-2.6, -1.4	108.8	107.7, 109.8
New Zealand	1983-2016	1983 - 1996	0.8 *	1996 - 2016	-1.8 *							2007 - 2016	-1.8 *	-2.0, -1.5	111.8	109.4, 114.2
<b>Latin America</b>																
Brazil, Goiania	1993-2012	1993 - 2012	2.5 *									2003 - 2012	2.5 *	1.0, 4.0	56.2	51.9, 60.5
Costa Rica	1982-2011	1982 - 2004	4.3 *	2004 - 2011	0.6							2002 - 2011	1.4	-0.7, 3.6	34.1	32.3, 35.8
<b>Europe</b>																
Austria	1998-2012	1998 - 2005	-1.1 *	2005 - 2012	-3.0 *							2003 - 2012	-2.6 *	-3.3, -1.8	72.9	71.5, 74.2
Bulgaria	1998-2012	1998 - 2008	3.9 *	2008 - 2012	-1.5							2003 - 2012	1.5 *	0.5, 2.5	76.0	74.6, 77.4
Croatia	1988-2012	1988 - 2012	3.2 *									2003 - 2012	3.2 *	2.6, 3.8	89.4	87.4, 91.4
Cyprus	1998-2012	1998 - 2012	3.0 *									2003 - 2012	3.0 *	1.5, 4.5	77.7	73.0, 82.4
Denmark	1978-2012	1978 - 1996	0.3 *	1996 - 2012	1.2 *							2003 - 2012	1.2 *	0.8, 1.5	106.3	104.4, 108.2
Estonia	1983-2012	1983 - 1996	3.6 *	1996 - 2012	0.8 *							2003 - 2012	0.8 *	0.2, 1.4	74.9	71.7, 78.2
France (9 registries)	1998-2012	1998 - 2012	-0.3									2003 - 2012	-0.3	-0.8, 0.3	82.2	80.7, 83.7
Germany (2 registries)	1998-2012	1998 - 2012	-0.8 *									2003 - 2012	-0.8 *	-1.4, -0.2	91.5	89.0, 94.0
Ireland	1994-2012	1994 - 2012	0.2									2003 - 2012	0.2	-0.2, 0.6	100.0	97.6, 102.4
Italy (8 registries)	1998-2012	1998 - 2003	0.1	2003 - 2006	6.5	2006 - 2012	-4.7 *					2003 - 2012	-1.1	-3.4, 1.2	107.7	105.6, 109.7
Lithuania	1993-2012	1993 - 2012	2.0 *									2003 - 2012	2.0 *	1.6, 2.5	63.8	61.8, 65.9
Malta	1993-2012	1993 - 2012	1.0									2003 - 2012	1.0	-0.0, 2.1	78.0	71.9, 84.1
Netherlands	1989-2012	1989 - 1992	2.2 *	1992 - 2002	0.8 *	2002 - 2008	2.6 *	2008 - 2012	0.9 *			2003 - 2012	1.8 *	1.4, 2.3	116.3	115.1, 117.5
Norway	1953-2012	1953 - 1967	3.1 *	1967 - 1973	-0.2	1973 - 1977	6.4 *	1977 - 1995	2.1 *	1995 - 2012	0.8 *	2003 - 2012	0.8 *	0.7, 1.0	116.5	114.2, 118.7
Poland, Kielce	1998-2012	1998 - 2012	1.8 *									2003 - 2012	1.8 *	1.0, 2.6	64.2	60.9, 67.6
Slovakia	1971-2010	1971 - 1989	4.7 *	1989 - 2010	2.5 *							2001 - 2010	2.5 *	2.1, 2.8	66.7	64.9, 68.4
Slovenia	1983-2012	1983 - 1998	4.6 *	1998 - 2007	1.4 *	2007 - 2010	9.3	2010 - 2012	-7.9			2003 - 2012	1.8	-2.2, 5.9	102.1	98.9, 105.3
Spain (9 registries)	1993-2012	1993 - 2010	2.6 *	2010 - 2012	8.4 *							2003 - 2012	3.9 *	2.7, 5.0	112.1	110.3, 114
Sweden	1970-2017	1970 - 2004	0.5 *	2004 - 2007	2.4 *	2007 - 2017	-0.2					2008 - 2017	-0.2	-0.6, 0.2	84.1	82.8, 85.4
Switzerland (6 registries)	1998-2012	1998 - 2012	-0.2									2003 - 2012	-0.2	-0.9, 0.6	75.2	72.7, 77.6
United Kingdom	1995-2012	1995 - 2005	-0.7 *	2005 - 2008	3.7	2008 - 2012	0.1					2003 - 2012	1.1	-0.4, 2.7	88.5	87.9, 89.0
<b>Asia</b>																
China (5 registries)	1998-2012	1998 - 2001	4.8	2001 - 2012	0.4							2003 - 2012	0.4	-0.2, 1.0	65.1	64.0, 66.3
India, Chennai	1983-2012	1983 - 2002	2.0 *	2002 - 2012	8.8 *							2003 - 2012	8.8 *	6.4, 11.3	14.2	13.1, 15.3
Israel	1963-2012	1963 - 1995	3.6 *	1995 - 2007	-0.1	2007 - 2012	-5.7 *					2003 - 2012	-3.3 *	-4.2, -2.3	99.8	97.8, 101.8
Japan (4 registries)	1998-2012	1998 - 2012	0.9 *									2003 - 2012	0.9 *	0.5, 1.2	102.2	101.1, 103.4
Korea (5 registries)	1999-2012	1999 - 2008	7.4 *	2008 - 2012	1.6							2003 - 2012	4.7 *	3.8, 5.7	96.9	95.7, 98.1
Philippines, Manila	1983-2012	1983 - 2006	2.4 *	2006 - 2012	-4.3 *							2003 - 2012	-2.1 *	-3.9, -0.3	56.4	54.0, 58.9
Thailand (4 registries)	1993-2012	1993 - 2012	3.3 *									2003 - 2012	3.3 *	2.6, 4.1	27.3	26.1, 28.5
Turkey (2 registries)	1998-2012	1998 - 2004	9.3 *	2004 - 2012	1.4							2003 - 2012	2.2 *	0.8, 3.7	45.0	43.4, 46.7

\*Statistically significant

§Based on &lt;10 cases in one or more years

APC = annual percent change; AAPC = average annual percent change

Sources: Cancer Incidence in Five Continents; Australian Institute for Health and Welfare; New Zealand Ministry of Health; United States SEER 9 registries; Cancer Registry of Norway; Sweden cancer statistics database and population statistics database

Supplementary Table 6. Rectum and rectosigmoid junction cancer (C19-20) incidence trends, age 50+ years

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR	
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI
<b>North America</b>																
USA, SEER (9 registries)	1975-2016	1975 - 1985	0.1	1985 - 1995	-2.2 *	1995 - 1998	2.2	1998 - 2012	-2.7 *	2012 - 2016	0.2	2007 - 2016	-1.4 *	-2.3, -0.5	32.6	32.0, 33.1
Canada (excl. Nunavut, Quebec and Yukon)	1983-2012	1983 - 1997	-0.5 *	1997 - 2000	3.7	2000 - 2012	-0.6 *					2003 - 2012	-0.6 *	-1.0, -0.3	50.0	49.4, 50.7
<b>Oceania</b>																
Australia	1982-2015	1982 - 1986	-0.8	1986 - 1994	2.2 *	1994 - 2007	-0.2	2007 - 2015	-3.0 *			2006 - 2015	-2.7 *	-3.2, -2.1	57.5	56.7, 58.3
New Zealand	1983-2016	1983 - 1999	0.3	1999 - 2016	-1.6 *							2007 - 2016	-1.6 *	-1.9, -1.2	56.7	54.9, 58.4
<b>Latin America</b>																
Brazil, Goiania	1993-2012	1993 - 2012	3.3 *									2003 - 2012	3.3 *	1.5, 5.2	37.9	34.4, 41.4
Costa Rica	1982-2011	1982 - 2011	1.5 *									2002 - 2011	1.5 *	0.8, 2.1	14.9	13.7, 16.1
<b>Europe</b>																
Austria	1998-2012	1998 - 2006	-1.4 *	2006 - 2012	-4.5 *							2003 - 2012	-3.5 *	-4.6, -2.3	41.2	40.2, 42.2
Bulgaria	1998-2012	1998 - 2003	-0.6	2003 - 2006	6.2	2006 - 2012	-1.2 *					2003 - 2012	1.2	-0.6, 3.1	53.6	52.4, 54.8
Croatia	1988-2012	1988 - 2000	5.2 *	2000 - 2012	-1.4 *							2003 - 2012	-1.4 *	-2.4, -0.4	64.2	62.5, 65.9
Cyprus	1998-2012	1998 - 2012	1.3									2003 - 2012	1.3	-0.7, 3.3	30.8	27.8, 33.8
Denmark	1978-2012	1978 - 2012	-0.1									2003 - 2012	-0.1	-0.2, 0.1	59.5	58.0, 61.0
Estonia	1983-2012	1983 - 2012	1.1 *									2003 - 2012	1.1 *	0.7, 1.5	49.9	47.2, 52.6
France (9 registries)	1998-2012	1998 - 2012	-1.3 *									2003 - 2012	-1.3 *	-1.8, -0.8	44.8	43.7, 46.0
Germany (2 registries)	1998-2012	1998 - 2009	-0.3	2009 - 2012	-7.7 *							2003 - 2012	-2.8 *	-5.0, -0.5	49.5	47.6, 51.4
Ireland	1994-2012	1994 - 2012	-0.1									2003 - 2012	-0.1	-0.5, 0.2	55.7	53.8, 57.5
Italy (8 registries)	1998-2012	1998 - 2006	1.6 *	2006 - 2012	-4.1 *							2003 - 2012	-2.3 *	-3.4, -1.1	41.1	39.9, 42.4
Lithuania	1993-2012	1993 - 2012	0.7 *									2003 - 2012	0.7 *	0.5, 1.0	53.1	51.2, 55.0
Malta	1993-2012	1993 - 2009	1.4	2009 - 2012	-13.4							2003 - 2012	-3.8	-9.0, 1.7	38.7	34.4, 43.0
Netherlands	1989-2012	1989 - 2007	1.3 *	2007 - 2012	-1.2							2003 - 2012	-0.1	-0.8, 0.7	58.6	57.7, 59.4
Norway	1953-2012	1953 - 1966	1.5 *	1966 - 1969	10.3	1969 - 1982	3.4 *	1982 - 2012	0.4 *			2003 - 2012	0.4 *	0.3, 0.6	60.6	58.9, 62.3
Poland, Kielce	1998-2012	1998 - 2012	0.6									2003 - 2012	0.6	-0.7, 1.9	48.1	45.2, 50.9
Slovakia	1971-2010	1971 - 1998	2.1 *	1998 - 2010	1.0 *							2001 - 2010	1.0 *	0.3, 1.6	48.8	47.3, 50.3
Slovenia	1983-2012	1983 - 2010	1.5 *	2010 - 2012	-8.4							2003 - 2012	-0.8	-3.6, 2.1	73.7	71.0, 76.5
Spain (9 registries)	1993-2012	1993 - 2012	1.4 *									2003 - 2012	1.4 *	1.0, 1.8	54.5	53.2, 55.8
Sweden	1970-2017	1970 - 1984	1.1 *	1984 - 2006	0.2 *	2006 - 2017	-0.4					2008 - 2017	-0.4	-0.4, 0.1	44.1	43.1, 45.1
Switzerland (6 registries)	1998-2012	1998 - 2012	-0.8 *									2003 - 2012	-0.8 *	-1.5, -0.1	40.8	39.0, 42.7
United Kingdom	1995-2012	1995 - 1998	4.3 *	1998 - 2001	-2.0	2001 - 2012	0.3					2003 - 2012	0.3	-0.0, 0.6	51.2	50.8, 51.7
<b>Asia</b>																
China (5 registries)	1998-2012	1998 - 2002	3.6 *	2002 - 2012	0.0							2003 - 2012	0.0	-0.7, 0.7	42.0	41.0, 43.0
India, Chennai	1983-2012	1983 - 2012	2.4 *									2003 - 2012	2.4 *	1.9, 3.0	13.3	12.2, 14.4
Israel	1963-2012	1963 - 1981	4.8 *	1981 - 1994	-3.1 *	1994 - 2007	0.6	2007 - 2012	-6.3 *			2003 - 2012	-3.3 *	-5.1, -1.6	41.5	40.2, 42.8
Japan (4 registries)	1998-2012	1998 - 2003	-0.1	2003 - 2012	2.4 *							2003 - 2012	2.4 *	1.8, 3.0	61.7	60.8, 62.7
Korea (5 registries)	1999-2012	1999 - 2012	3.0 *									2003 - 2012	3.0 *	2.3, 3.6	68.4	67.4, 69.4
Philippines, Manila	1983-2012	1983 - 2006	1.0 *	2006 - 2012	-7.3 *							2003 - 2012	-4.6 *	-6.8, -2.3	27.5	25.9, 29.2
Thailand (4 registries)	1993-2012	1993 - 2012	4.4 *									2003 - 2012	4.4 *	3.6, 5.2	21.0	20.0, 22.1
Turkey (2 registries)	1998-2012	1998 - 2000	19.3	2000 - 2012	2.4 *							2003 - 2012	2.4 *	1.5, 3.3	30.1	28.8, 31.4

\*Statistically significant

APC = annual percent change; AAPC = average annual percent change

Sources: Cancer Incidence in Five Continents; Australian Institute for Health and Welfare; New Zealand Ministry of Health; United States SEER 9 registries; Cancer Registry of Norway; Sweden cancer statistics database and population statistics database

Supplementary Table 7. Comparison of Colon (C18), rectum (C19-20), and colorectal (C18-20) incidence trends by age (20-49 and 50+ years) with and without the inclusion of appendix (C18.1)

	Years available	Segment 1		Segment 2		Segment 3		Segment 4		Segment 5		Most recent 10 years			ASR	
		Period	APC	Period	APC	Period	APC	Period	APC	Period	APC	Period	AAPC	95% CI	2008-2012	95% CI
<b>North America</b>																
<b>USA, SEER (9 registries), 20-49 years</b>																
Colon and rectum (including appendix)	1975-2016	1975 - 1994	-1.0 *	1994 - 2016	2.2 *							2007 - 2016	2.2 *	1.9, 2.5	10.0	9.8, 10.3
Colon and rectum (excluding appendix)	1975-2016	1975 - 1993	-1.0 *	1993 - 2016	1.7 *							2007 - 2016	1.7 *	1.5, 2.0	9.5	9.2, 9.7
Colon (including appendix)	1975-2016	1975 - 1996	-1.3 *	1996 - 2016	2.1 *							2007 - 2016	2.1 *	1.7, 2.6	6.0	5.8, 6.1
Colon (excluding appendix)	1975-2016	1975 - 1995	-1.3 *	1995 - 2016	1.3 *							2007 - 2016	1.3 *	1.0, 1.7	5.4	5.2, 5.6
Rectum	1975-2016	1975 - 1994	-0.3	1994 - 1997	7.6	1997 - 2016	2.1 *					2007 - 2016	2.1 *	1.7, 2.5	4.1	3.9, 4.2
<b>USA, SEER (9 registries), 50+ years</b>																
Colon and rectum (including appendix)	1975-2016	1975 - 1985	0.9 *	1985 - 1995	-1.7 *	1995 - 2000	0.3	2000 - 2013	-3.2 *	2013 - 2016	-0.6	2007 - 2016	-2.4 *	-3.1, -1.7	109.6	108.6, 110.6
Colon and rectum (excluding appendix)	1975-2016	1975 - 1985	0.9 *	1985 - 1995	-1.8 *	1995 - 2000	0.3	2000 - 2013	-3.4 *	2013 - 2016	-0.9	2007 - 2016	-2.6 *	-3.3, -1.9	107.4	106.5, 108.4
Colon (including appendix)	1975-2016	1975 - 1985	1.2 *	1985 - 1995	-1.6 *	1995 - 2001	-0.2	2001 - 2013	-3.6 *	2013 - 2016	-1.3	2007 - 2016	-2.8 *	-3.6, -2.0	77.0	76.2, 77.8
Colon (excluding appendix)	1975-2016	1975 - 1985	1.0 *	1985 - 2002	-1.3 *	2002 - 2008	-3.1 *	2008 - 2011	-6.0 *	2011 - 2016	-1.9 *	2007 - 2016	-3.4 *	-5.0, -1.9	74.9	74.1, 75.7
Rectum	1975-2016	1975 - 1985	0.1	1985 - 1995	-2.2 *	1995 - 1998	2.2	1998 - 2012	-2.7 *	2012 - 2016	0.2	2007 - 2016	-1.4 *	-2.3, -0.5	32.6	32.0, 33.1
<b>Canada (6 registries), 20-49 years</b>																
Colon and rectum (including appendix)	1995-2014	1995 - 2008	1.2 *	2008 - 2014	5.0 *							2005 - 2014	3.7 *	2.8, 4.6	9.3	9.1, 9.6
Colon and rectum (excluding appendix)	1995-2014	1995 - 2006	0.8 *	2006 - 2014	2.9 *							2005 - 2014	2.6 *	1.9, 3.4	8.6	8.4, 8.9
Colon (including appendix)	1995-2014	1995 - 2010	0.9 *	2010 - 2014	7.5 *							2005 - 2014	3.8 *	2.3, 5.3	5.4	5.2, 5.6
Colon (excluding appendix)	1995-2014	1995 - 2014	0.8 *									2005 - 2014	0.8 *	0.5, 1.2	4.7	4.5, 4.9
Rectum	1995-2014	1995 - 2014	2.7 *									2005 - 2014	2.7 *	2.2, 3.3	3.9	3.8, 4.1
<b>Canada (6 registries), 50+ years</b>																
Colon and rectum (including appendix)	1995-2014	1995 - 2000	1.2 *	2000 - 2014	-0.7 *							2005 - 2014	-0.7 *	-0.8, -0.5	149.6	148.5, 150.8
Colon and rectum (excluding appendix)	1995-2014	1995 - 2000	1.2 *	2000 - 2014	-0.7 *							2005 - 2014	-0.7 *	-0.9, -0.6	147.8	146.6, 148.9
Colon (including appendix)	1995-2014	1995 - 2014	-0.4 *									2005 - 2014	-0.4 *	-0.5, -0.2	98.2	97.3, 99.1
Colon (excluding appendix)	1995-2014	1995 - 2000	0.6	2000 - 2014	-0.7 *							2005 - 2014	-0.7 *	-0.9, -0.5	96.3	95.4, 97.2
Rectum	1995-2014	1995 - 2001	1.8 *	2001 - 2014	-0.9 *							2005 - 2014	-0.9 *	-1.1, -0.7	51.5	50.8, 52.2
<b>Oceania</b>																
<b>New Zealand, 20-49 years</b>																
Colon and rectum (including appendix)	1983-2016	1983 - 1992	-6.3 *	1992 - 2008	-0.1	2008 - 2016	4.5 *					2007 - 2016	4.0 *	2.1, 6.0	9.3	8.8, 10.0
Colon and rectum (excluding appendix)	1994-2016	1994 - 2000	-0.4 *	2000 - 2016	1.7 *							2007 - 2016	1.7 *	1.0, 2.4	8.9	8.3, 9.4
Colon (including appendix)	1983-2016	1983 - 1994	-6.1 *	1994 - 2010	-0.2	2010 - 2016	6.9 *					2007 - 2016	4.5 *	1.8, 7.2	5.6	5.2, 6.1
Colon (excluding appendix)	1988-2016	1988 - 2000	-3.9 *	2000 - 2016	1.1 *							2007 - 2016	1.1 *	0.1, 2.0	5.2	4.7, 5.6
Rectum	1983-2016	1983 - 1992	-5.7 *	1992 - 2016	1.7 *							2007 - 2016	1.7 *	0.9, 2.6	3.7	3.3, 4.1
<b>New Zealand, 50+ years</b>																
Colon and rectum (including appendix)	1983-2016	1983 - 1999	0.3 *	1999 - 2016	-1.8 *							2007 - 2016	-1.8 *	-2.1, -1.6	168.5	165.5, 171.5
Colon and rectum (excluding appendix)	1994-2016	1994 - 2016	-1.8 *									2007 - 2016	-1.8 *	-1.9, -1.6	165.5	162.5, 168.5
Colon (including appendix)	1983-2016	1983 - 1996	0.8 *	1996 - 2016	-1.8 *							2007 - 2016	-1.8 *	-2.0, -1.5	111.8	109.4, 114.2
Colon (excluding appendix)	1988-2016	1988 - 1995	1.2	1995 - 2016	-1.9 *							2007 - 2016	-1.9 *	-2.1, -1.6	109.1	106.7, 111.5
Rectum	1983-2016	1983 - 1999	0.3	1999 - 2016	-1.6 *							2007 - 2016	-1.6 *	-1.9, -1.2	56.7	54.9, 58.4

\*Statistically significant

APC = annual percent change; AAPC = average annual percent change

Sources: New Zealand Ministry of Health; United States SEER 9 registries

Notes: 1983-2012 from CI5; 2013-2016 provided by NZ Ministry of Health

Colon excluding appendix 1988-2016 and rectum 1994-2016 provided by NZ Ministry of Health

1983-2012 from CI5; 2013-2016 provided by NZ Ministry of Health

Colon excluding appendix 1988-2016 provided by NZ Ministry of Health

1983-2012 from CI5; 2013-2016 provided by NZ Ministry of Health