

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases

Rectum and anus (C19–21) - Male

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Africa								
*Algeria, Batna	0.9	(17.3)	4.5	(76.5)	0.4	(6.2)	–	–
*Algeria, Tizi Ouzou	1.4	(12.8)	8.6	(84.0)	0.3	(2.6)	0.0	(0.6)
*Benin, Cotonou	0.3	(4.0)	2.5	(56.0)	1.5	(36.0)	0.1	(4.0)
*France, La Réunion	2.8	(24.0)	8.7	(72.8)	0.4	(3.1)	–	–
*Kenya, Eldoret	0.6	(19.4)	2.1	(74.2)	0.2	(6.5)	–	–
*Kenya, Nairobi	2.0	(37.4)	3.0	(50.9)	0.5	(6.1)	0.4	(5.5)
Mauritius	0.7	(9.9)	6.1	(85.5)	0.3	(4.3)	0.0	(0.3)
*Morocco, Casablanca	0.7	(16.4)	3.3	(75.1)	0.3	(7.7)	0.0	(0.9)
*Seychelles	5.9	(48.5)	5.6	(45.5)	0.4	(3.0)	0.3	(3.0)
*South Africa, Eastern Cape	0.2	(8.0)	1.3	(52.0)	0.8	(36.0)	0.1	(4.0)
*Uganda, Kyadondo County	0.6	(9.4)	3.9	(77.1)	0.4	(9.4)	0.4	(4.2)
*Uganda, Gulu	–	–	0.7	(42.9)	0.2	(28.6)	0.4	(28.6)
*Zimbabwe, Bulawayo: African	2.1	(36.2)	2.8	(44.7)	0.6	(10.6)	0.4	(8.5)
*Zimbabwe, Harare: African	2.0	(22.5)	4.1	(60.5)	0.8	(12.4)	0.4	(4.7)
Central and South America and the Caribbean								
*Argentina, Entre Ríos Province	1.2	(13.2)	7.6	(74.6)	1.2	(11.4)	0.1	(0.9)
*Argentina, Mendoza	0.6	(7.0)	7.1	(85.2)	0.6	(7.5)	0.0	(0.2)
Brazil, Aracaju	2.7	(38.2)	3.4	(54.4)	0.5	(7.4)	–	–
*Brazil, Barretos	3.1	(26.7)	7.8	(70.7)	0.3	(2.7)	–	–
Brazil, Belo Horizonte	3.1	(31.2)	5.9	(60.4)	0.7	(7.2)	0.1	(1.2)
*Brazil, Campinas	4.4	(28.2)	10.5	(69.0)	0.4	(2.5)	0.1	(0.3)
*Brazil, Curitiba	1.9	(19.4)	7.6	(76.2)	0.3	(3.3)	0.1	(1.0)
Brazil, Goiânia	1.6	(15.2)	8.8	(79.9)	0.5	(4.8)	–	–
*Brazil, Jaú	2.3	(16.7)	11.0	(78.3)	0.7	(5.0)	–	–
Brazil, João Pessoa	0.6	(12.0)	4.0	(84.0)	0.2	(4.0)	–	–
Brazil, Recife	2.3	(30.0)	4.8	(62.1)	0.6	(7.4)	0.0	(0.5)
Chile, Region of Antofagasta	1.4	(23.0)	4.5	(73.8)	0.1	(1.6)	0.1	(1.6)
Chile, Valdivia	1.2	(12.2)	8.4	(84.2)	0.3	(2.9)	0.1	(0.7)
Colombia, Bucaramanga	0.7	(11.4)	4.2	(73.1)	0.7	(11.4)	0.3	(4.2)
Colombia, Cali	1.3	(17.9)	5.2	(72.7)	0.6	(7.9)	0.1	(1.4)
Colombia, Manizales	1.2	(16.5)	4.8	(68.0)	1.0	(13.4)	0.1	(2.1)
Colombia, Pasto	0.1	(1.9)	4.6	(84.9)	0.5	(9.4)	0.2	(3.8)
Costa Rica	1.3	(19.3)	4.9	(73.2)	0.4	(6.0)	0.1	(1.5)
Ecuador, Guayaquil	0.9	(16.4)	3.8	(71.5)	0.4	(7.1)	0.3	(5.0)
Ecuador, Manabí	0.3	(8.4)	2.8	(84.0)	0.3	(7.6)	–	–
Ecuador, Quito	0.6	(11.3)	3.9	(77.9)	0.5	(9.3)	0.1	(1.5)
*France, Guadeloupe	1.2	(13.5)	7.7	(82.4)	0.3	(4.1)	–	–
*France, Martinique	1.4	(17.8)	7.3	(79.8)	0.2	(2.5)	–	–
*Peru, Lima	0.9	(18.8)	3.6	(72.4)	0.3	(6.6)	0.1	(2.2)
*Trinidad and Tobago	2.6	(36.8)	3.9	(55.6)	0.2	(2.3)	0.4	(5.3)
USA, Puerto Rico	3.3	(28.3)	7.4	(64.5)	0.5	(4.3)	0.3	(2.9)
*Uruguay	1.7	(13.5)	10.2	(78.5)	1.0	(6.7)	0.2	(1.3)
North America								
Canada, Alberta	3.1	(20.3)	11.6	(76.0)	0.5	(3.2)	0.1	(0.5)
Canada, British Columbia	2.7	(17.9)	11.7	(76.6)	0.8	(4.8)	0.1	(0.7)
*Canada, Manitoba	1.9	(11.6)	14.7	(84.0)	0.7	(3.6)	0.1	(0.8)
*Canada, New Brunswick	3.8	(23.0)	12.4	(73.5)	0.5	(2.9)	0.1	(0.6)
*Canada, Newfoundland and Labrador	4.2	(19.3)	18.5	(77.6)	0.6	(2.5)	0.1	(0.6)
Canada, Ontario	3.0	(22.2)	10.1	(71.9)	0.8	(5.3)	0.1	(0.6)
*Canada, Prince Edward Island	4.2	(25.6)	12.6	(72.8)	0.3	(1.6)	–	–
Canada, Quebec	3.0	(18.4)	13.0	(77.1)	0.7	(3.9)	0.1	(0.6)
Canada, Saskatchewan	2.9	(16.8)	13.7	(79.8)	0.5	(3.0)	0.1	(0.4)
*Canada, Yukon	0.5	(3.8)	15.0	(84.6)	1.7	(11.5)	–	–
USA	2.2	(20.3)	7.6	(70.1)	0.9	(8.1)	0.2	(1.6)
USA: White	2.2	(20.5)	7.5	(69.9)	0.9	(8.1)	0.2	(1.6)
USA: Black	2.1	(18.3)	7.9	(68.7)	1.3	(11.2)	0.2	(1.7)
USA, NPCR	2.2	(20.3)	7.6	(70.0)	0.9	(8.1)	0.2	(1.6)
USA, NPCR: White	2.2	(20.5)	7.5	(69.8)	0.9	(8.1)	0.2	(1.6)
USA, NPCR: Black	2.1	(18.3)	7.9	(68.7)	1.3	(11.3)	0.2	(1.8)
USA, NPCR: Asian and Pacific Islander	2.1	(22.2)	7.2	(74.8)	0.2	(2.1)	0.1	(0.8)
USA, NPCR: American Indian	1.5	(19.1)	5.7	(74.2)	0.4	(5.1)	0.1	(1.7)
*USA, SEER (18 registries)	2.2	(19.9)	7.8	(70.5)	0.9	(8.1)	0.2	(1.5)
*USA, SEER (18 registries): White	2.2	(20.2)	7.5	(69.9)	0.9	(8.4)	0.2	(1.6)
*USA, SEER (18 registries): Non-Hispanic White	2.2	(20.1)	7.6	(69.3)	1.0	(9.0)	0.2	(1.6)
*USA, SEER (18 registries): Hispanic White	2.1	(20.6)	7.5	(72.6)	0.5	(5.4)	0.1	(1.3)
*USA, SEER (18 registries): Black	2.1	(17.8)	8.2	(69.2)	1.4	(11.5)	0.2	(1.6)
*USA, SEER (18 registries): Asian and Pacific Islander	2.2	(21.3)	8.0	(75.8)	0.2	(2.1)	0.1	(0.8)
*USA, SEER (9 registries)	2.1	(19.0)	7.7	(70.7)	1.0	(8.8)	0.2	(1.5)
*USA, SEER (9 registries): White	2.0	(18.9)	7.3	(70.5)	0.9	(8.9)	0.2	(1.7)
*USA, SEER (9 registries): Black	2.2	(18.0)	8.1	(65.4)	1.9	(15.0)	0.2	(1.6)
USA, Alabama	2.2	(19.9)	7.8	(70.9)	0.9	(7.7)	0.2	(1.6)
USA, Alabama: White	2.2	(20.3)	7.7	(70.9)	0.8	(7.1)	0.2	(1.7)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
North America (contd)								
USA, Alabama: Black	2.1	(18.0)	8.3	(70.9)	1.3	(9.9)	0.2	(1.3)
USA, Alaska	2.0	(17.4)	8.9	(73.8)	1.0	(8.2)	0.1	(0.6)
*USA, Alaska: Alaska Natives	3.4	(16.4)	16.9	(82.1)	–	–	0.3	(1.5)
USA, Arizona	2.4	(25.9)	6.3	(66.8)	0.5	(5.3)	0.2	(2.0)
USA, Arizona: White	2.5	(26.1)	6.4	(66.4)	0.5	(5.4)	0.2	(2.0)
USA, Arizona: Black	1.8	(25.0)	5.0	(68.1)	0.4	(4.2)	0.2	(2.8)
*USA, Arizona: Asian and Pacific Islander	2.4	(37.5)	3.8	(58.3)	0.1	(2.1)	0.2	(2.1)
USA, Arizona: American Indian	1.4	(15.1)	7.5	(80.2)	0.2	(2.3)	0.2	(2.3)
USA, Arkansas	2.5	(20.4)	8.9	(70.6)	0.9	(6.6)	0.3	(2.4)
USA, Arkansas: White	2.4	(19.9)	8.9	(71.0)	0.8	(6.5)	0.3	(2.5)
USA, Arkansas: Black	2.9	(22.5)	8.4	(68.0)	1.1	(7.7)	0.2	(1.8)
USA, California	2.0	(19.3)	7.2	(70.4)	0.9	(8.5)	0.2	(1.7)
USA, California: White	2.0	(19.6)	7.1	(69.1)	1.0	(9.4)	0.2	(1.8)
USA, California: Black	1.5	(16.1)	6.5	(67.4)	1.4	(14.0)	0.2	(2.5)
USA, California: Asian and Pacific Islander	2.0	(20.2)	7.8	(76.8)	0.2	(2.0)	0.1	(1.1)
*USA, California, Los Angeles County	1.8	(18.0)	7.2	(71.1)	0.9	(9.1)	0.2	(1.7)
*USA, California, Los Angeles County: White	1.8	(18.1)	7.0	(70.2)	1.0	(9.8)	0.2	(1.9)
*USA, California, Los Angeles County: Non-Hispanic White	1.8	(18.2)	6.7	(67.1)	1.2	(12.1)	0.2	(2.6)
*USA, California, Los Angeles County: Hispanic White	1.8	(17.9)	7.5	(74.0)	0.7	(7.1)	0.1	(1.0)
*USA, California, Los Angeles County: Black	1.4	(14.6)	6.5	(64.6)	1.8	(18.0)	0.3	(2.8)
*USA, California, Los Angeles County: Chinese	1.7	(24.5)	5.3	(74.8)	0.1	(0.7)	–	–
*USA, California, Los Angeles County: Filipino	1.4	(16.8)	7.1	(78.2)	0.3	(3.4)	0.2	(1.7)
*USA, California, Los Angeles County: Korean	2.2	(19.4)	9.5	(78.7)	0.1	(0.9)	0.1	(0.9)
*USA, California, Los Angeles County: Asian and Pacific Islander	2.0	(20.2)	8.0	(77.3)	0.2	(1.7)	0.1	(0.8)
*USA, California, San Francisco Bay Area	1.8	(17.8)	7.0	(68.5)	1.2	(11.7)	0.2	(1.9)
*USA, California, San Francisco Bay Area: White	1.9	(18.3)	6.6	(65.3)	1.4	(14.0)	0.2	(2.5)
*USA, California, San Francisco Bay Area: Non-Hispanic White	1.8	(18.0)	6.5	(63.5)	1.6	(15.6)	0.3	(2.8)
*USA, California, San Francisco Bay Area: Hispanic White	1.8	(19.4)	7.1	(73.1)	0.6	(6.5)	0.1	(0.9)
*USA, California, San Francisco Bay Area: Black	1.6	(16.0)	6.6	(62.8)	2.2	(19.9)	0.1	(1.3)
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1.6	(17.8)	7.8	(78.9)	0.3	(2.6)	0.1	(0.7)
USA, Colorado	1.7	(19.5)	6.5	(71.8)	0.7	(7.2)	0.1	(1.6)
USA, Colorado: White	1.8	(19.8)	6.4	(71.3)	0.7	(7.4)	0.1	(1.5)
*USA, Colorado: Black	1.5	(15.8)	7.4	(75.0)	0.4	(3.9)	0.5	(5.3)
*USA, Colorado: Asian and Pacific Islander	1.7	(18.2)	6.9	(81.8)	–	–	–	–
USA, Connecticut	2.0	(20.9)	6.8	(69.0)	0.9	(8.9)	0.1	(1.2)
USA, Connecticut: White	2.0	(21.2)	6.5	(68.0)	0.9	(9.5)	0.1	(1.3)
USA, Connecticut: Black	2.3	(22.2)	7.4	(72.2)	0.6	(5.6)	–	–
USA, District of Columbia	1.3	(12.6)	7.3	(61.3)	2.8	(23.1)	0.3	(2.9)
USA, District of Columbia: White	0.4	(5.6)	5.0	(60.6)	2.6	(31.0)	0.2	(2.8)
USA, District of Columbia: Black	2.1	(15.7)	8.6	(59.5)	3.6	(21.6)	0.4	(3.3)
USA, Florida	2.4	(23.1)	6.6	(63.9)	1.2	(10.8)	0.2	(2.3)
USA, Florida: White	2.4	(23.3)	6.6	(63.7)	1.2	(10.8)	0.2	(2.3)
USA, Florida: Black	2.1	(22.1)	6.2	(64.0)	1.1	(11.2)	0.3	(2.8)
USA, Florida: Asian and Pacific Islander	1.6	(21.1)	5.8	(74.5)	0.2	(3.1)	0.1	(1.2)
USA, Georgia	2.6	(20.5)	8.5	(68.3)	1.2	(9.4)	0.2	(1.8)
USA, Georgia: White	2.6	(21.1)	8.3	(68.6)	1.0	(8.3)	0.2	(1.9)
USA, Georgia: Black	2.4	(18.2)	9.0	(67.2)	1.8	(13.2)	0.2	(1.4)
USA, Georgia: Asian and Pacific Islander	3.4	(27.7)	8.1	(70.1)	0.2	(1.5)	0.1	(0.7)
*USA, Georgia, Atlanta	2.5	(19.9)	8.1	(64.6)	1.7	(12.9)	0.3	(2.5)
*USA, Georgia, Atlanta: White	2.5	(20.2)	8.0	(66.7)	1.2	(10.1)	0.3	(3.0)
*USA, Georgia, Atlanta: Black	2.5	(18.3)	8.1	(60.2)	2.5	(19.6)	0.2	(1.9)
USA, Idaho	1.7	(18.5)	7.5	(76.1)	0.5	(4.7)	0.1	(0.6)
USA, Indiana	2.1	(18.0)	8.6	(73.4)	0.9	(7.2)	0.2	(1.4)
USA, Indiana: White	2.1	(18.0)	8.7	(73.8)	0.9	(6.9)	0.2	(1.4)
USA, Indiana: Black	2.0	(16.8)	7.8	(68.8)	1.5	(12.9)	0.2	(1.5)
*USA, Iowa	2.1	(18.2)	8.5	(73.6)	0.9	(7.1)	0.1	(1.2)
USA, Kentucky	2.6	(19.0)	10.1	(72.3)	1.1	(7.2)	0.2	(1.5)
USA, Louisiana	2.5	(18.8)	9.8	(72.2)	1.1	(7.9)	0.1	(1.1)
USA, Louisiana: White	2.6	(19.7)	9.2	(70.8)	1.1	(8.2)	0.1	(1.2)
USA, Louisiana: Black	2.6	(16.7)	11.7	(74.8)	1.3	(7.6)	0.1	(0.8)
*USA, Louisiana, New Orleans	2.6	(18.5)	9.6	(68.7)	1.9	(12.4)	0.0	(0.4)
*USA, Louisiana, New Orleans: White	2.3	(18.5)	8.6	(66.9)	2.0	(14.2)	0.1	(0.4)
*USA, Louisiana, New Orleans: Black	2.7	(17.0)	11.4	(71.4)	1.9	(11.0)	0.1	(0.5)
USA, Maine	1.9	(17.1)	7.7	(72.7)	0.9	(9.2)	0.1	(1.1)
USA, Maryland	2.1	(22.6)	6.4	(66.9)	0.9	(8.7)	0.2	(1.9)
USA, Maryland: White	2.3	(23.7)	6.5	(67.0)	0.7	(7.7)	0.1	(1.6)
USA, Maryland: Black	2.1	(20.7)	6.4	(64.2)	1.3	(12.7)	0.3	(2.4)
USA, Maryland: Asian and Pacific Islander	1.3	(17.2)	6.1	(79.8)	0.1	(1.0)	0.1	(2.0)
USA, Massachusetts	1.8	(17.7)	7.1	(70.7)	1.0	(9.9)	0.2	(1.8)
USA, Massachusetts: White	1.8	(17.8)	7.0	(70.0)	1.0	(10.3)	0.2	(1.8)
USA, Massachusetts: Black	1.0	(10.8)	7.3	(77.8)	1.0	(10.1)	0.1	(1.3)
USA, Massachusetts: Asian and Pacific Islander	1.8	(20.9)	6.8	(77.3)	0.2	(1.8)	–	–

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	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
North America (contd)								
USA, Michigan	1.8	(17.9)	7.5	(73.4)	0.8	(7.2)	0.1	(1.4)
USA, Michigan: White	1.7	(18.0)	7.3	(73.8)	0.7	(6.8)	0.1	(1.4)
USA, Michigan: Black	2.2	(17.4)	8.8	(69.8)	1.5	(11.1)	0.2	(1.6)
USA, Michigan: Asian and Pacific Islander	1.5	(18.5)	6.0	(80.0)	0.1	(1.5)	–	–
*USA, Michigan, Detroit	1.9	(16.8)	8.2	(73.4)	1.0	(8.4)	0.1	(1.4)
*USA, Michigan, Detroit: White	1.8	(17.2)	7.9	(73.8)	0.8	(7.7)	0.1	(1.3)
*USA, Michigan, Detroit: Black	2.2	(16.1)	9.6	(71.0)	1.7	(11.2)	0.2	(1.7)
USA, Minnesota	1.7	(16.9)	7.7	(76.1)	0.6	(5.9)	0.1	(1.1)
USA, Minnesota: White	1.7	(17.2)	7.5	(75.7)	0.6	(5.9)	0.1	(1.1)
USA, Minnesota: Black	1.0	(8.6)	8.6	(81.5)	0.8	(7.4)	0.3	(2.5)
*USA, Minnesota: Asian and Pacific Islander	2.1	(19.4)	8.4	(79.0)	0.1	(1.6)	–	–
USA, Mississippi	2.5	(19.7)	9.1	(72.0)	1.0	(7.4)	0.1	(0.9)
USA, Missouri	2.2	(19.2)	7.9	(71.0)	1.0	(8.7)	0.1	(1.1)
USA, Missouri: White	2.3	(19.8)	8.0	(70.9)	1.0	(8.2)	0.1	(1.0)
USA, Missouri: Black	1.5	(13.1)	8.6	(73.1)	1.5	(12.2)	0.2	(1.6)
USA, Montana	2.4	(21.6)	7.9	(70.5)	0.7	(6.3)	0.2	(1.6)
*USA, Montana: American Indian	3.4	(18.8)	13.7	(78.1)	–	–	0.4	(3.1)
USA, Nebraska	2.3	(20.0)	8.2	(72.3)	0.7	(6.0)	0.2	(1.7)
USA, Nebraska: White	2.4	(20.3)	8.2	(72.3)	0.6	(5.6)	0.2	(1.8)
*USA, Nebraska: Black	2.1	(16.7)	8.2	(70.0)	1.3	(13.3)	–	–
USA, Nevada	2.2	(22.4)	6.9	(68.1)	0.8	(7.8)	0.2	(1.7)
USA, Nevada: White	2.2	(21.6)	6.9	(68.0)	0.9	(8.6)	0.2	(1.7)
USA, Nevada: Black	1.7	(23.8)	5.0	(66.7)	0.4	(4.8)	0.4	(4.8)
*USA, Nevada: Asian and Pacific Islander	3.5	(29.8)	8.2	(67.5)	0.3	(2.6)	–	–
USA, New Jersey	2.6	(23.2)	7.6	(68.7)	0.8	(7.2)	0.1	(0.9)
USA, New Jersey: White	2.7	(24.0)	7.5	(67.8)	0.8	(7.2)	0.1	(1.0)
USA, New Jersey: Black	2.0	(18.9)	7.5	(69.7)	1.1	(10.3)	0.1	(1.1)
USA, New Mexico	2.1	(21.2)	7.1	(70.6)	0.8	(7.1)	0.1	(1.2)
USA, New Mexico: White	2.0	(21.0)	7.0	(70.1)	0.8	(7.6)	0.1	(1.4)
USA, New Mexico: Non-Hispanic White	1.9	(21.4)	6.1	(67.3)	1.0	(10.2)	0.1	(1.0)
USA, New Mexico: Hispanic White	2.3	(20.4)	8.3	(73.4)	0.5	(4.5)	0.2	(1.8)
*USA, New Mexico: American Indian	2.9	(23.7)	9.2	(73.7)	0.4	(2.6)	–	–
USA, New York State	2.4	(21.6)	7.4	(66.6)	1.2	(10.1)	0.2	(1.7)
USA, New York State: White	2.4	(21.7)	7.3	(66.6)	1.1	(10.0)	0.2	(1.7)
USA, New York State: Black	2.4	(20.1)	7.5	(63.0)	1.8	(14.5)	0.3	(2.5)
USA, New York State: Asian and Pacific Islander	2.8	(25.6)	8.0	(71.3)	0.2	(2.0)	0.1	(1.1)
USA, North Carolina	1.9	(18.2)	7.6	(71.7)	0.9	(8.7)	0.1	(1.4)
USA, North Carolina: White	1.9	(18.7)	7.4	(71.4)	0.9	(8.4)	0.2	(1.5)
USA, North Carolina: Black	1.8	(16.2)	8.0	(72.1)	1.3	(10.6)	0.1	(1.0)
USA, North Carolina: Asian and Pacific Islander	1.9	(20.0)	6.6	(75.4)	0.3	(3.1)	0.2	(1.5)
*USA, North Carolina: American Indian	0.6	(6.8)	8.5	(90.9)	0.2	(2.3)	–	–
USA, North Dakota	2.4	(19.1)	9.0	(74.5)	0.7	(6.2)	0.0	(0.3)
USA, Ohio	2.0	(18.4)	8.1	(73.0)	0.8	(7.1)	0.2	(1.5)
USA, Ohio: White	2.0	(18.7)	8.1	(73.1)	0.8	(6.7)	0.2	(1.6)
USA, Ohio: Black	1.7	(16.3)	7.5	(69.9)	1.4	(12.2)	0.2	(1.6)
*USA, Ohio: Asian and Pacific Islander	1.5	(18.5)	6.2	(81.5)	–	–	–	–
USA, Oklahoma	2.5	(21.4)	8.1	(69.7)	0.9	(7.4)	0.2	(1.5)
USA, Oklahoma: White	2.5	(21.6)	7.9	(69.6)	0.9	(7.4)	0.2	(1.5)
USA, Oklahoma: Black	2.0	(15.6)	8.4	(71.6)	1.3	(11.0)	0.2	(1.8)
USA, Oklahoma: American Indian	3.5	(25.7)	9.0	(66.7)	0.8	(5.6)	0.2	(2.1)
USA, Oregon	2.1	(19.0)	7.5	(70.8)	0.9	(8.2)	0.2	(1.9)
USA, Oregon: White	2.1	(19.2)	7.4	(70.7)	0.9	(8.2)	0.2	(2.0)
*USA, Oregon: Black	1.2	(18.2)	5.3	(68.2)	1.0	(13.6)	–	–
*USA, Oregon: Asian and Pacific Islander	2.7	(21.4)	9.2	(74.3)	0.4	(2.9)	0.2	(1.4)
USA, Rhode Island	2.0	(21.2)	6.4	(68.6)	0.9	(8.5)	0.1	(1.7)
USA, Rhode Island: White	2.0	(20.9)	6.6	(69.0)	0.9	(8.3)	0.2	(1.8)
*USA, Rhode Island: Black	1.2	(18.8)	4.1	(62.5)	1.3	(18.8)	–	–
USA, South Carolina	1.9	(18.1)	7.6	(72.7)	0.9	(8.1)	0.1	(1.1)
USA, South Carolina: White	1.9	(18.9)	7.2	(72.1)	0.8	(7.8)	0.1	(1.2)
USA, South Carolina: Black	1.8	(14.8)	9.3	(75.6)	1.1	(8.9)	0.1	(0.8)
USA, South Dakota	1.9	(18.1)	8.1	(76.2)	0.5	(4.9)	0.1	(0.8)
USA, Tennessee	2.1	(18.9)	7.8	(70.4)	1.1	(9.1)	0.2	(1.6)
USA, Tennessee: White	2.2	(19.2)	7.8	(70.2)	1.0	(8.9)	0.2	(1.7)
USA, Tennessee: Black	1.9	(16.1)	8.4	(71.8)	1.3	(11.1)	0.1	(1.1)
USA, Texas	2.5	(22.6)	7.6	(68.8)	0.8	(6.8)	0.2	(1.8)
USA, Texas: White	2.6	(22.7)	7.7	(68.9)	0.8	(6.6)	0.2	(1.8)
USA, Texas: Black	2.7	(21.4)	8.4	(66.6)	1.3	(10.3)	0.2	(1.8)
USA, Texas: Asian and Pacific Islander	1.9	(24.7)	5.6	(73.9)	0.1	(1.4)	–	–
USA, Utah	1.5	(18.0)	6.1	(74.6)	0.5	(5.8)	0.1	(1.7)
USA, Vermont	1.9	(17.9)	7.3	(68.2)	1.4	(11.3)	0.3	(2.6)
USA, Washington State	2.0	(19.0)	7.6	(71.1)	0.9	(8.2)	0.2	(1.8)
*USA, Washington, Seattle	2.1	(18.8)	8.0	(71.1)	0.9	(8.3)	0.2	(1.8)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)

Percentage distribution of the number of cases

Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
North America (contd)								
USA, West Virginia	2.4	(18.5)	9.4	(72.7)	0.9	(7.2)	0.2	(1.6)
USA, Wyoming	2.2	(23.1)	6.7	(67.6)	0.7	(7.6)	0.2	(1.7)
Asia								
Bahrain: Bahrainis	3.2	(38.8)	4.4	(51.5)	0.6	(6.8)	0.3	(2.9)
Brunei Darussalam	3.7	(25.8)	10.0	(71.9)	0.2	(1.6)	0.1	(0.8)
*China, Anfu County	0.1	(0.9)	10.7	(99.1)	–	–	–	–
*China, Anguo City	0.8	(7.3)	10.2	(88.1)	–	–	0.5	(4.6)
*China, Anshan City	0.4	(2.4)	17.7	(97.1)	0.0	(0.2)	0.1	(0.3)
*China, Aohan Banner, Chifeng City	0.1	(1.4)	8.0	(98.6)	–	–	–	–
*China, Arongqi	0.1	(0.8)	12.9	(99.2)	–	–	–	–
*China, Baoding City	0.5	(4.4)	10.8	(95.3)	0.0	(0.2)	–	–
*China, Beijing City	0.8	(7.4)	10.6	(91.9)	0.1	(0.4)	0.0	(0.2)
*China, Binhai County	0.1	(1.3)	6.2	(95.7)	0.1	(2.0)	0.1	(1.0)
*China, Cangzhou City	0.1	(0.7)	9.0	(98.0)	0.1	(1.3)	–	–
China, Changfeng County	0.2	(1.7)	9.8	(97.7)	–	–	0.1	(0.6)
China, Changzhou City	0.8	(6.2)	12.2	(92.4)	0.1	(0.4)	0.1	(1.0)
China, Chengdu City	0.8	(4.4)	16.4	(91.4)	0.3	(1.4)	0.5	(2.7)
China, Cixian County	0.1	(0.9)	6.8	(94.9)	0.1	(1.7)	0.2	(2.6)
China, Cixi City	1.1	(9.5)	9.4	(79.9)	0.1	(0.8)	1.1	(9.8)
*China, Dafeng District, Yancheng City	0.1	(0.8)	10.4	(97.9)	0.1	(1.0)	0.0	(0.3)
China, Dalian City	0.6	(3.9)	14.6	(95.0)	0.1	(0.6)	0.1	(0.5)
*China, Dancheng County	0.8	(5.7)	6.8	(49.8)	5.4	(39.0)	0.7	(5.5)
China, Dangtu County	0.2	(1.4)	11.6	(97.9)	0.1	(0.7)	–	–
*China, Danyang City	0.3	(2.2)	10.8	(93.0)	0.1	(1.2)	0.4	(3.6)
*China, Dawukou District, Shizuishan City	0.6	(6.4)	8.1	(92.6)	–	–	0.1	(1.1)
*China, Dehui City	–	–	7.1	(100.0)	–	–	–	–
*China, Donggang County	0.2	(1.6)	10.3	(98.0)	0.0	(0.3)	–	–
*China, Dongguan City	0.5	(4.8)	11.0	(93.5)	0.1	(1.3)	0.0	(0.4)
China, Donghai County	0.1	(1.3)	7.0	(98.0)	0.0	(0.3)	0.0	(0.3)
*China, Dongtai City	0.0	(0.7)	5.6	(98.0)	0.0	(0.7)	0.0	(0.7)
China, Duanzhou District, Zhaoqing City	0.8	(6.8)	12.0	(90.1)	0.0	(0.6)	0.3	(2.5)
*China, Evenki Autonomous Banner	3.6	(20.5)	12.7	(79.5)	–	–	–	–
*China, Faku County	0.8	(7.7)	9.3	(91.8)	0.1	(0.5)	–	–
*China, Fangcheng County	0.4	(4.3)	6.3	(62.7)	3.0	(33.0)	–	–
*China, Feicheng City	0.2	(2.4)	10.1	(96.5)	–	–	0.1	(1.2)
China, Feixi County	0.1	(0.8)	10.9	(98.5)	0.0	(0.4)	0.0	(0.2)
China, Fuqing City	0.2	(2.2)	9.2	(96.6)	0.1	(0.7)	0.0	(0.4)
*China, Ganyu District, Lianyungang City	0.0	(0.3)	8.5	(99.2)	0.1	(0.3)	0.0	(0.3)
*China, Ganzhou District, Zhangye City	1.1	(9.7)	10.3	(85.0)	0.3	(2.7)	0.3	(2.7)
*China, Gaocheng City	0.5	(7.7)	5.0	(89.2)	0.1	(1.5)	0.1	(1.5)
China, Gaomi City	–	–	11.6	(99.7)	0.0	(0.3)	–	–
China, Gong'an County	0.2	(3.0)	8.3	(96.3)	0.1	(0.7)	–	–
*China, Guang'an District, Guang'an City	0.6	(4.2)	12.3	(93.8)	0.1	(1.2)	0.1	(0.8)
China, Guanghan City	1.0	(7.3)	11.5	(91.8)	0.1	(0.9)	–	–
China, Guangzhou City	0.7	(5.7)	11.3	(92.3)	0.1	(1.3)	0.1	(0.8)
*China, Guanyun County	–	–	5.4	(98.0)	0.1	(1.5)	0.0	(0.5)
China, Guilin City	0.3	(1.9)	18.3	(95.5)	0.3	(1.4)	0.2	(1.2)
*China, Hai'an City	0.2	(2.3)	9.6	(96.3)	0.0	(0.7)	0.1	(0.7)
China, Hailar District, Hulun Buir City	0.3	(1.9)	13.3	(94.3)	–	–	0.5	(3.8)
China, Haimen District, Nantong City	0.3	(3.1)	10.5	(94.7)	0.2	(1.5)	0.1	(0.7)
China, Haining City	0.4	(4.9)	8.3	(93.8)	0.1	(1.0)	0.0	(0.3)
China, Hangzhou City	1.1	(8.9)	11.5	(89.1)	0.1	(0.6)	0.2	(1.4)
China, Hebi City	0.3	(4.4)	6.1	(86.8)	0.4	(5.5)	0.3	(3.3)
China, Hefei City	0.2	(1.7)	12.3	(97.8)	0.0	(0.3)	0.0	(0.2)
China, Hengdong County	0.2	(2.9)	8.2	(96.4)	0.1	(0.7)	–	–
*China, Hengfeng County	2.1	(17.4)	9.0	(82.6)	–	–	–	–
*China, Hepu County	0.1	(1.4)	11.2	(96.7)	0.1	(1.1)	0.1	(0.8)
China, Honghu City	0.1	(0.8)	8.2	(98.4)	0.1	(0.8)	–	–
China, Hongshan District, Chifeng City	0.9	(6.7)	14.5	(93.3)	–	–	–	–
*China, Hongta District, Yuxi City	0.0	(0.4)	13.2	(99.1)	0.1	(0.4)	–	–
*China, Huaiyin District, Huai'an City	0.1	(1.6)	6.6	(97.3)	–	–	0.1	(1.2)
*China, Jiange County	0.7	(7.5)	8.2	(88.1)	0.2	(2.5)	0.2	(1.9)
China, Jiangmen City	0.5	(4.0)	12.5	(93.9)	0.0	(0.3)	0.3	(1.8)
*China, Jiangyin City	0.7	(5.2)	12.5	(92.2)	0.1	(0.5)	0.3	(2.0)
*China, Jiashan County	1.0	(7.7)	12.2	(88.2)	0.2	(1.4)	0.4	(2.8)
China, Jiayu County	0.1	(1.6)	8.0	(98.4)	–	–	–	–
*China, Jinan City	0.3	(2.2)	12.8	(96.3)	0.1	(0.4)	0.2	(1.1)
*China, Jingtai County	0.6	(3.1)	13.3	(96.9)	–	–	–	–
*China, Jingxian County	0.3	(2.8)	10.3	(95.1)	0.4	(2.1)	–	–
*China, Jintan District, Changzhou City	0.6	(5.1)	10.9	(91.1)	0.1	(0.7)	0.4	(3.1)
*China, Jiulongpo District, Chongqing City	0.4	(2.5)	14.7	(95.4)	0.1	(0.6)	0.3	(1.5)
*China, Jiyuan City	0.4	(4.9)	9.0	(92.1)	0.3	(2.4)	0.1	(0.6)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)

Percentage distribution of the number of cases

Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Asia (contd)								
China, Kaihua County	0.4	(3.9)	11.1	(91.6)	0.4	(3.2)	0.2	(1.3)
China, Kunshan City	0.1	(1.1)	10.1	(97.4)	0.1	(1.1)	0.0	(0.3)
China, Langzhong City	0.3	(2.0)	12.8	(97.6)	0.1	(0.4)	–	–
*China, Liangshan County	0.1	(1.3)	9.6	(97.1)	0.0	(0.3)	0.1	(1.3)
*China, Lianshui County	0.0	(0.3)	6.6	(98.7)	0.0	(0.3)	0.0	(0.7)
China, Lianyungang City	0.0	(0.3)	9.0	(98.1)	0.0	(0.6)	0.1	(1.1)
China, Linhe District, Bayannur City	0.1	(0.4)	18.2	(96.3)	0.7	(3.3)	–	–
China, Linqu County	0.3	(2.9)	9.0	(94.0)	0.2	(1.4)	0.2	(1.7)
*China, Linzhou City	0.0	(0.7)	7.8	(98.9)	0.0	(0.4)	–	–
China, Liuzhou City	0.3	(2.3)	13.0	(95.6)	0.2	(1.7)	0.0	(0.4)
China, Liyang City	0.3	(2.6)	10.3	(96.0)	0.1	(0.9)	0.0	(0.5)
*China, Longquan City	0.9	(5.4)	15.5	(94.0)	–	–	0.1	(0.6)
China, Lucheng District, Wenzhou City	1.5	(9.2)	15.0	(87.1)	0.1	(0.3)	0.6	(3.4)
China, Luoding City	0.1	(1.5)	8.4	(95.1)	0.1	(1.5)	0.2	(1.9)
*China, Luohe City	0.9	(9.9)	7.9	(86.6)	0.2	(2.0)	0.1	(1.4)
*China, Luoyang City	0.4	(4.6)	8.9	(94.9)	0.0	(0.5)	–	–
*China, Luquan City	0.1	(1.8)	3.9	(83.9)	0.2	(3.6)	0.5	(10.7)
China, Ma'an Shan City	0.3	(1.6)	14.1	(95.9)	0.3	(2.2)	0.0	(0.3)
*China, Macheng City	0.1	(0.9)	8.9	(98.1)	0.0	(0.5)	0.0	(0.5)
China, Meihekou City	1.1	(11.1)	8.0	(83.2)	0.1	(0.9)	0.4	(4.9)
*China, Mengjin County	0.2	(2.1)	8.3	(96.8)	0.1	(1.1)	–	–
China, Nangang District, Harbin City	0.4	(3.4)	12.3	(95.5)	0.1	(0.6)	0.1	(0.6)
*China, Nanhai District, Foshan City	0.7	(4.5)	13.0	(93.2)	0.1	(1.0)	0.2	(1.3)
China, Nanhu District, Jiaying City	1.7	(13.3)	10.8	(79.8)	0.3	(2.3)	0.7	(4.6)
*China, Nantong City	0.1	(1.3)	9.9	(96.7)	0.2	(1.6)	0.0	(0.3)
*China, Nanxiong City	0.8	(7.9)	9.1	(91.4)	0.1	(0.7)	–	–
China, Neixiang County	0.3	(4.4)	7.0	(90.7)	0.2	(2.2)	0.2	(2.7)
*China, Qianxi County	–	–	9.3	(99.2)	0.1	(0.8)	–	–
China, Qidong City	0.0	(0.3)	12.9	(99.2)	0.0	(0.5)	–	–
China, Qingzhou City	0.3	(2.5)	11.4	(96.5)	0.1	(1.0)	–	–
*China, Rudong County	0.0	(0.3)	9.2	(98.2)	0.1	(1.2)	0.0	(0.3)
*China, Rugao City	0.0	(0.2)	8.5	(99.4)	0.0	(0.5)	–	–
*China, Rural areas of Shanghai City	0.5	(4.2)	12.3	(94.3)	0.1	(0.9)	0.1	(0.6)
China, Ruyang County	0.7	(8.6)	6.3	(84.9)	0.4	(5.4)	0.1	(1.1)
*China, Shan County	0.1	(0.8)	10.2	(98.4)	–	–	0.1	(0.8)
China, Shanghai City	0.6	(4.1)	12.5	(94.6)	0.1	(0.9)	0.0	(0.3)
China, Shangyu District, Shaoxing City	1.0	(6.4)	12.6	(87.2)	0.2	(1.5)	0.7	(4.8)
*China, Shapingba District, Chongqing City	0.3	(2.4)	14.5	(97.0)	0.0	(0.4)	0.0	(0.2)
China, Shexian County	0.3	(1.8)	12.0	(95.3)	0.4	(2.9)	–	–
China, Sheyang County	–	–	8.6	(100.0)	–	–	–	–
*China, Shijiazhuang City	0.5	(5.4)	8.6	(92.6)	0.1	(0.8)	0.1	(1.2)
China, Shunde District, Foshan City	1.0	(7.4)	12.2	(89.7)	0.2	(1.3)	0.2	(1.7)
*China, Song County	0.2	(3.8)	5.9	(93.3)	0.1	(1.9)	0.1	(1.0)
China, Suzhou City	0.3	(2.8)	10.4	(94.8)	0.1	(0.9)	0.2	(1.6)
*China, Tengzhou City	–	–	10.0	(99.1)	0.1	(0.7)	0.0	(0.2)
*China, Wangdu County	0.5	(7.3)	7.0	(90.9)	–	–	0.1	(1.8)
*China, Wanzai County	0.4	(2.5)	13.1	(97.5)	–	–	–	–
*China, Wu'an City	0.1	(2.3)	5.1	(96.9)	0.0	(0.8)	–	–
China, Wuhan City	0.4	(3.8)	10.7	(93.5)	0.2	(1.4)	0.2	(1.3)
*China, Wuhu City	0.1	(1.0)	9.6	(97.9)	0.1	(1.1)	–	–
China, Wuxi City	0.7	(6.0)	10.4	(91.2)	0.1	(0.8)	0.2	(2.0)
China, Wuzhou City	–	–	12.9	(99.6)	0.1	(0.4)	–	–
China, Xiangfu District, Kaifeng City	0.1	(1.1)	8.1	(82.6)	1.7	(16.3)	–	–
China, Xianju County	2.2	(19.5)	7.7	(72.7)	0.2	(2.3)	0.5	(5.5)
*China, Xin'an County	–	–	7.8	(97.8)	0.2	(2.2)	–	–
*China, Xining City	0.7	(4.1)	14.5	(95.0)	–	–	0.1	(0.9)
*China, Xinji City	0.6	(9.4)	5.1	(79.5)	–	–	0.7	(11.1)
*China, Xinluo District, Longyan City	1.0	(7.0)	14.7	(91.0)	0.1	(1.0)	0.2	(1.0)
*China, Xinzhou District, Shangrao City	–	–	10.0	(95.8)	0.4	(3.5)	0.1	(0.7)
China, Xiping County	0.3	(3.8)	7.4	(94.3)	0.1	(0.9)	0.1	(0.9)
*China, Xishan District, Kunming City	0.3	(3.4)	10.3	(95.5)	0.1	(0.6)	0.0	(0.6)
*China, Xuyi County	0.1	(1.5)	7.7	(98.0)	0.1	(0.5)	–	–
*China, Ya'an City	0.6	(3.6)	15.5	(93.0)	0.3	(1.8)	0.3	(1.6)
*China, Yakeshi City	0.1	(0.5)	13.5	(97.1)	0.0	(0.5)	0.2	(1.9)
China, Yancheng City	0.1	(0.6)	10.8	(98.5)	0.0	(0.5)	0.0	(0.5)
*China, Yangquan City	0.1	(0.9)	10.5	(98.7)	–	–	0.1	(0.4)
*China, Yangzhong City	0.8	(5.9)	12.2	(88.8)	0.7	(4.8)	0.1	(0.5)
*China, Yanji City	0.1	(1.5)	9.4	(97.5)	0.1	(0.5)	0.0	(0.5)
*China, Yanshi City	0.4	(6.9)	5.7	(93.1)	–	–	–	–
China, Yanting County	–	–	9.0	(98.3)	0.2	(1.7)	–	–
*China, Yi'an District, Tongling City	–	–	9.3	(100.0)	–	–	–	–
*China, Yingdong District, Fuyang City	0.5	(5.2)	8.1	(94.8)	–	–	–	–

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Asia (contd)								
*China, Yinzhou District, Ningbo City	0.8	(5.0)	15.3	(93.2)	0.1	(0.6)	0.3	(1.2)
*China, Yiyuan County	2.1	(17.9)	7.8	(69.1)	0.0	(0.4)	1.5	(12.6)
China, Yong'an City	0.6	(3.7)	12.8	(94.7)	0.2	(1.6)	–	–
*China, Yongding District, Longyan City	0.9	(4.5)	17.1	(92.9)	0.1	(0.3)	0.4	(2.3)
China, Yongkang City	1.8	(11.0)	12.9	(80.6)	–	–	1.3	(8.4)
*China, Yucheng County	1.6	(30.1)	3.2	(62.1)	0.3	(6.8)	0.0	(1.0)
China, Yueyanglou District, Yueyang City	0.1	(1.0)	8.8	(97.0)	0.2	(2.0)	–	–
China, Yunmeng County	0.2	(1.4)	13.2	(98.1)	–	–	0.1	(0.5)
*China, Yunyang District, Shiyan City	0.3	(2.4)	9.6	(88.8)	0.3	(2.4)	0.8	(6.4)
China, Yuzhong District, Chongqing City	0.5	(2.4)	17.5	(96.6)	0.1	(1.0)	–	–
*China, Zanhuang County	0.1	(1.6)	6.7	(95.1)	0.2	(3.3)	–	–
*China, Zhangjiagang City	0.2	(2.0)	10.5	(96.1)	0.1	(1.4)	0.1	(0.6)
*China, Zhaoyuan City	0.1	(0.7)	15.0	(99.1)	0.0	(0.2)	–	–
*China, Zhengding County	0.4	(6.5)	5.3	(92.2)	0.1	(1.3)	–	–
*China, Zhongshan City	0.9	(7.0)	11.9	(92.1)	0.1	(0.6)	0.0	(0.3)
China, Zhongxiang City	–	–	9.7	(98.5)	0.1	(1.5)	–	–
*China, Zhuanghe City	0.3	(2.4)	12.5	(97.3)	0.0	(0.2)	0.0	(0.2)
*China, Zhuhai City	1.9	(13.8)	10.8	(84.3)	0.1	(0.7)	0.2	(1.3)
India, Ahmedabad, Urban	0.2	(5.5)	2.2	(78.0)	0.3	(11.0)	0.1	(5.5)
India, Aurangabad	0.2	(8.6)	2.1	(77.8)	0.3	(11.1)	0.1	(2.5)
India, Bangalore	0.5	(10.5)	3.8	(81.8)	0.3	(6.1)	0.1	(1.7)
India, Barshi, Paranda, and Bhum	0.2	(8.6)	2.2	(82.9)	0.2	(8.6)	–	–
*India, Bhopal	0.4	(17.2)	1.3	(60.9)	0.3	(10.9)	0.2	(10.9)
India, Chandigarh	0.5	(19.0)	1.3	(53.4)	0.5	(20.7)	0.2	(6.9)
*India, Chennai	0.7	(13.8)	3.8	(75.6)	0.3	(6.4)	0.2	(4.2)
India, Dibrugarh	0.2	(5.0)	2.8	(83.2)	0.4	(9.9)	0.1	(2.0)
*India, Dindigul, Ambilikkai	0.1	(3.0)	2.3	(85.2)	0.3	(10.7)	0.0	(1.2)
India, Kamrup Urban District	0.6	(9.8)	5.2	(79.9)	0.4	(6.7)	0.2	(3.7)
India, Kollam	1.3	(20.9)	4.8	(77.0)	0.1	(1.5)	0.0	(0.5)
*India, Manipur	0.3	(14.9)	1.6	(71.9)	0.2	(7.9)	0.1	(5.3)
India, Meghalaya	0.3	(22.2)	1.2	(71.1)	0.1	(6.7)	–	–
India, Mizoram	0.9	(13.8)	5.3	(84.4)	0.1	(1.8)	–	–
India, Mumbai	0.5	(12.6)	2.7	(75.6)	0.3	(8.2)	0.1	(3.7)
*India, New Delhi	0.3	(8.5)	2.6	(72.7)	0.5	(13.2)	0.2	(5.6)
India, Poona	0.5	(12.9)	3.1	(82.2)	0.2	(4.7)	0.0	(0.2)
*India, Sangrur District	0.1	(7.5)	1.2	(80.0)	0.1	(7.5)	0.1	(5.0)
India, SAS Nagar	0.2	(10.2)	1.2	(61.2)	0.5	(22.4)	0.1	(6.1)
*India, Tamil Nadu	0.3	(9.5)	2.3	(77.8)	0.3	(9.5)	0.1	(3.2)
*India, Tripura	0.1	(8.3)	1.3	(75.2)	0.2	(9.1)	0.1	(7.4)
India, Trivandrum	1.1	(17.7)	4.9	(77.6)	0.3	(4.1)	0.0	(0.6)
India, Wardha	0.1	(5.2)	2.0	(81.2)	0.3	(12.5)	0.0	(1.0)
India, West Arunachal	0.1	(9.5)	1.1	(71.4)	0.3	(9.5)	0.1	(9.5)
*Iran (Islamic Republic of), Ardabil Province	1.0	(21.5)	3.8	(73.1)	0.2	(4.3)	0.1	(1.1)
*Iran (Islamic Republic of), Golestan Province	1.1	(18.3)	4.9	(78.9)	0.1	(2.1)	0.0	(0.7)
Israel	2.7	(27.7)	6.8	(68.0)	0.4	(3.7)	0.1	(0.6)
*Israel: Jews	2.8	(28.6)	6.5	(67.2)	0.4	(3.7)	0.1	(0.5)
*Israel: Arabs	2.3	(23.3)	6.6	(71.1)	0.5	(4.9)	0.1	(0.7)
Japan	4.7	(23.0)	15.8	(75.4)	0.3	(1.5)	0.0	(0.1)
Japan, Aichi Prefecture	4.5	(22.8)	15.7	(75.2)	0.3	(1.4)	0.2	(0.6)
*Japan, Akita Prefecture	5.7	(21.9)	20.5	(76.8)	0.3	(1.2)	0.1	(0.2)
Japan, Aomori Prefecture	7.2	(24.1)	21.6	(75.2)	0.2	(0.7)	–	–
Japan, Gunma Prefecture	4.3	(19.7)	17.7	(78.7)	0.3	(1.4)	0.0	(0.2)
Japan, Hiroshima Prefecture	5.6	(24.8)	16.5	(73.7)	0.3	(1.5)	–	–
Japan, Miyagi Prefecture	5.1	(22.8)	17.1	(75.8)	0.3	(1.4)	0.0	(0.1)
Japan, Osaka Prefecture	5.1	(23.9)	16.5	(74.1)	0.4	(1.8)	0.0	(0.1)
Kuwait	1.4	(32.9)	2.5	(62.5)	0.1	(3.5)	0.0	(1.1)
*Kuwait: Kuwaitis	2.4	(35.8)	4.0	(61.7)	0.2	(2.5)	–	–
*Kuwait: Non-Kuwaitis	0.9	(30.7)	1.9	(63.2)	0.1	(4.3)	0.0	(1.8)
*Philippines, Manila	3.0	(28.0)	7.1	(70.2)	0.1	(1.2)	0.1	(0.6)
*Qatar: Qatari	2.2	(37.5)	2.8	(50.0)	0.5	(8.3)	0.4	(4.2)
Republic of Korea	4.2	(21.8)	14.8	(76.6)	0.2	(1.2)	0.1	(0.3)
*Republic of Korea, Busan	4.9	(26.0)	14.3	(72.8)	0.2	(1.0)	0.0	(0.2)
*Republic of Korea, Daegu	4.0	(20.3)	15.7	(78.6)	0.2	(0.9)	0.0	(0.2)
*Republic of Korea, Daejeon	5.3	(28.3)	13.0	(70.2)	0.2	(1.1)	0.1	(0.4)
*Republic of Korea, Gwangju	3.5	(20.2)	13.9	(79.0)	0.1	(0.7)	0.0	(0.1)
Republic of Korea, Incheon	3.8	(20.3)	14.5	(78.6)	0.2	(1.0)	0.0	(0.1)
Republic of Korea, Jeju	3.6	(21.4)	12.8	(76.6)	0.3	(2.0)	–	–
Republic of Korea, Seoul	4.1	(22.3)	14.1	(75.5)	0.3	(1.7)	0.1	(0.5)
Republic of Korea, Ulsan	3.7	(19.8)	14.7	(78.6)	0.3	(1.5)	0.0	(0.1)
Singapore	4.4	(26.9)	11.2	(68.7)	0.4	(2.5)	0.3	(1.9)
Singapore: Chinese	4.7	(27.6)	11.7	(68.2)	0.4	(2.3)	0.3	(1.9)
Singapore: Indian	1.9	(18.6)	7.1	(76.5)	0.5	(4.9)	–	–

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Asia (contd)								
Singapore: Malay	4.1	(27.5)	9.6	(66.5)	0.5	(3.4)	0.4	(2.6)
Thailand, Bangkok	1.5	(16.8)	6.7	(79.8)	0.2	(3.0)	0.0	(0.4)
*Thailand, Chiang Mai	1.5	(17.9)	6.9	(77.0)	0.5	(4.9)	0.0	(0.2)
*Thailand, Khon Kaen	1.0	(15.4)	5.4	(80.7)	0.3	(3.9)	–	–
Thailand, Lampang	1.3	(12.9)	8.2	(83.4)	0.4	(3.7)	–	–
Thailand, Lopburi Province	0.9	(7.6)	10.3	(87.8)	0.5	(4.7)	–	–
*Thailand, Songkhla	1.2	(15.2)	6.0	(79.4)	0.3	(4.1)	0.1	(1.3)
Turkey, Antalya	2.0	(19.8)	7.5	(75.4)	0.4	(4.2)	0.1	(0.6)
Turkey, Bursa	1.5	(13.9)	8.8	(83.2)	0.3	(2.5)	0.0	(0.5)
*Turkey, Edirne	1.2	(13.1)	7.9	(84.3)	0.2	(2.0)	0.1	(0.7)
*Turkey, Erzurum	0.8	(19.5)	3.2	(74.0)	0.2	(6.5)	–	–
Turkey, Eskişehir	2.6	(22.2)	8.4	(71.5)	0.3	(2.8)	0.4	(3.5)
Turkey, Gaziantep	1.3	(21.3)	4.3	(71.5)	0.3	(5.8)	0.1	(1.4)
*Turkey, Izmir	2.5	(24.0)	7.8	(73.8)	0.2	(1.9)	0.0	(0.3)
Turkey, Malatya	1.3	(16.6)	5.6	(73.6)	0.7	(8.6)	0.1	(1.2)
Turkey, Samsun	1.6	(14.8)	8.9	(84.5)	0.0	(0.5)	0.0	(0.2)
Turkey, Trabzon	1.9	(19.7)	7.7	(78.7)	0.1	(1.2)	0.0	(0.4)
Europe								
Austria	1.5	(13.0)	9.8	(81.6)	0.6	(4.3)	0.1	(1.1)
Austria, Carinthia	1.7	(16.5)	8.5	(75.9)	0.8	(6.0)	0.1	(1.6)
Austria, Tyrol	1.6	(12.5)	10.4	(83.3)	0.5	(4.0)	0.0	(0.2)
Austria, Vorarlberg	1.7	(15.5)	9.4	(79.2)	0.5	(4.3)	0.1	(1.0)
Belarus	5.1	(28.3)	12.3	(69.7)	0.3	(1.7)	0.1	(0.3)
*Belgium	0.9	(5.8)	14.2	(89.9)	0.6	(3.7)	0.1	(0.7)
Croatia	4.5	(21.2)	16.7	(76.5)	0.3	(1.4)	0.2	(1.0)
Cyprus	1.6	(18.6)	7.1	(76.0)	0.5	(4.7)	0.1	(0.6)
*Czech Republic	5.4	(25.9)	15.2	(71.2)	0.5	(2.3)	0.1	(0.6)
Denmark	–	–	17.9	(95.9)	0.8	(4.0)	0.0	(0.1)
Estonia	4.3	(26.3)	11.9	(71.1)	0.4	(2.1)	0.1	(0.4)
Finland	1.4	(11.7)	10.5	(85.7)	0.3	(2.6)	0.0	(0.1)
*France, Bas-Rhin	3.5	(24.4)	9.9	(70.9)	0.6	(4.2)	0.1	(0.5)
*France, Calvados	2.4	(16.3)	11.7	(78.9)	0.7	(4.2)	0.1	(0.6)
*France, Doubs	3.1	(21.4)	10.0	(72.4)	1.0	(6.1)	–	–
*France, Gironde	3.6	(24.2)	10.4	(70.2)	0.8	(5.1)	0.1	(0.5)
*France, Haut-Rhin	3.0	(23.0)	9.6	(72.0)	0.7	(4.9)	0.0	(0.2)
*France, Hérault	4.0	(29.0)	8.5	(65.2)	0.8	(5.6)	0.0	(0.1)
*France, Isère	2.6	(20.2)	9.9	(74.3)	0.7	(5.0)	0.0	(0.5)
*France, Lille-Métropole	3.8	(23.7)	11.7	(70.9)	0.9	(5.3)	–	–
*France, Limousin	4.5	(25.0)	12.0	(70.6)	0.9	(3.8)	0.1	(0.5)
*France, Loire-Atlantique	3.3	(21.9)	11.3	(73.6)	0.7	(4.2)	0.0	(0.2)
*France, Manche	2.1	(14.5)	12.1	(82.8)	0.5	(2.7)	–	–
*France, Poitou-Charentes	4.6	(30.4)	10.2	(65.2)	0.8	(4.4)	0.0	(0.1)
*France, Somme	3.0	(19.5)	11.3	(76.2)	0.6	(3.3)	0.2	(1.0)
*France, Tarn	3.4	(28.1)	8.4	(66.6)	0.6	(4.3)	0.3	(1.0)
*France, Territoire de Belfort	2.1	(14.9)	11.7	(81.1)	0.7	(4.1)	–	–
*France, Vendée	3.0	(18.0)	13.1	(77.8)	0.8	(3.9)	0.0	(0.3)
Germany, Baden-Württemberg	0.7	(5.3)	12.7	(89.2)	0.7	(4.3)	0.2	(1.2)
Germany, Bavaria	0.9	(5.9)	13.4	(89.1)	0.8	(4.7)	0.1	(0.4)
Germany, Bremen	1.1	(6.8)	12.1	(84.3)	1.4	(8.5)	0.0	(0.4)
Germany, Hamburg	1.0	(6.8)	11.1	(81.0)	1.3	(8.3)	0.6	(3.9)
Germany, Lower Saxony	1.1	(7.8)	12.8	(86.6)	0.9	(5.1)	0.1	(0.4)
Germany, North Rhine-Westphalia	0.8	(5.9)	13.2	(88.4)	0.9	(5.4)	0.1	(0.4)
Germany, Rhineland-Palatinate	1.5	(9.9)	13.2	(84.9)	0.9	(4.8)	0.1	(0.4)
Germany, Saarland	1.9	(11.3)	14.5	(81.2)	1.4	(6.6)	0.1	(0.8)
Germany, Schleswig-Holstein	1.1	(7.7)	13.0	(85.7)	1.0	(5.9)	0.1	(0.7)
Iceland	–	–	10.9	(99.3)	0.1	(0.7)	–	–
Ireland	3.0	(18.3)	12.7	(77.5)	0.6	(3.4)	0.1	(0.8)
*Italy, Aosta Valley	1.5	(23.2)	6.5	(62.5)	1.4	(12.5)	0.3	(1.8)
*Italy, Avellino	3.0	(19.5)	12.3	(77.2)	0.3	(1.9)	0.2	(1.4)
Italy, Basilicata	3.2	(24.4)	10.2	(73.6)	0.3	(2.1)	–	–
*Italy, Benevento	1.9	(14.4)	12.5	(85.1)	0.1	(0.6)	–	–
Italy, Bergamo	2.9	(29.9)	6.2	(62.5)	0.7	(5.9)	0.2	(1.7)
*Italy, Brescia	2.6	(30.5)	5.8	(64.2)	0.5	(4.6)	0.1	(0.8)
Italy, Brianza (Lecco and Monza e Brianza)	3.0	(28.9)	6.9	(66.2)	0.3	(2.5)	0.2	(2.5)
Italy, Calabria	5.0	(36.7)	8.3	(61.0)	0.2	(1.8)	0.1	(0.5)
*Italy, Caserta	4.1	(32.4)	8.7	(63.9)	0.5	(3.4)	0.0	(0.2)
*Italy, Catania, Messina, and Enna	3.5	(31.9)	7.2	(62.9)	0.6	(4.7)	0.1	(0.5)
Italy, Emilia-Romagna	2.7	(27.3)	6.7	(66.0)	0.5	(5.1)	0.1	(1.6)
Italy, Friuli-Venezia Giulia	1.8	(21.1)	6.8	(71.8)	0.7	(5.6)	0.1	(1.4)
Italy, Genova	3.4	(27.0)	8.7	(65.7)	0.7	(4.8)	0.3	(2.6)
*Italy, Lombardy, South, Pavia	3.6	(32.6)	6.7	(62.5)	0.4	(3.7)	0.1	(1.2)
Italy, Mantova and Cremona	2.4	(22.3)	8.1	(73.3)	0.4	(3.8)	0.1	(0.5)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Europe (contd)								
Italy, Marche	2.2	(18.4)	10.1	(77.7)	0.5	(3.3)	0.1	(0.5)
Italy, Milan	2.5	(25.4)	7.0	(68.3)	0.6	(5.3)	0.1	(1.0)
Italy, Molise	2.2	(23.7)	6.6	(61.0)	0.9	(6.8)	0.9	(8.5)
*Italy, Naples Centre	3.5	(29.1)	7.3	(64.4)	0.7	(5.5)	0.2	(1.0)
*Italy, Naples North	3.5	(32.3)	6.7	(61.2)	0.6	(5.3)	0.1	(1.1)
*Italy, Naples South	4.5	(36.0)	7.8	(60.1)	0.4	(3.1)	0.1	(0.8)
*Italy, Nuoro	4.8	(29.2)	10.3	(67.9)	0.5	(2.8)	–	–
*Italy, Palermo	2.3	(23.0)	7.6	(73.8)	0.4	(2.8)	0.0	(0.5)
Italy, Puglia	3.7	(30.4)	8.2	(66.0)	0.4	(2.7)	0.1	(0.9)
*Italy, Ragusa and Caltanissetta	3.4	(25.2)	9.1	(71.0)	0.6	(3.8)	–	–
*Italy, Salerno	2.7	(23.8)	8.2	(71.8)	0.5	(3.6)	0.1	(0.8)
Italy, Sassari	4.3	(30.8)	8.7	(65.7)	0.3	(2.8)	0.1	(0.7)
*Italy, Sondrio	2.5	(35.5)	4.3	(57.0)	0.5	(7.5)	–	–
Italy, South Tyrol	2.6	(21.0)	9.5	(75.9)	0.3	(2.4)	0.1	(0.6)
*Italy, Syracuse	3.0	(26.5)	7.4	(69.9)	0.3	(3.1)	0.1	(0.4)
Italy, Trento	2.7	(25.6)	7.7	(69.3)	0.5	(4.4)	0.1	(0.6)
Italy, Turin	1.9	(21.8)	6.1	(70.2)	0.6	(6.7)	0.1	(1.3)
*Italy, Tuscany	2.2	(19.7)	9.0	(73.8)	0.9	(6.0)	0.1	(0.5)
Italy, Umbria	3.5	(27.1)	8.6	(68.4)	0.7	(4.4)	0.0	(0.2)
Italy, Varese	1.7	(22.1)	5.7	(74.2)	0.3	(3.3)	0.0	(0.4)
Italy, Veneto	1.1	(11.6)	8.1	(83.0)	0.5	(4.5)	0.1	(1.0)
Latvia	3.4	(23.2)	11.1	(73.4)	0.4	(2.7)	0.1	(0.6)
*Liechtenstein	0.7	(4.8)	10.5	(85.7)	1.2	(9.5)	–	–
*Lithuania	2.2	(14.5)	12.4	(82.7)	0.3	(2.0)	0.1	(0.8)
Malta	2.2	(19.6)	8.1	(74.3)	0.3	(3.3)	0.3	(2.9)
*The Netherlands	1.1	(6.1)	16.8	(90.2)	0.7	(3.5)	0.0	(0.2)
Norway	2.3	(12.8)	15.1	(84.0)	0.6	(3.0)	0.0	(0.1)
Poland, Kielce	2.5	(18.0)	11.5	(80.4)	0.2	(1.6)	–	–
*Portugal, Azores	2.9	(21.0)	9.7	(69.5)	1.3	(8.6)	0.2	(1.0)
Russian Federation, Arkhangelsk	3.3	(17.3)	15.4	(79.8)	0.5	(2.8)	0.0	(0.1)
Russian Federation, Kaliningrad	3.5	(22.1)	11.7	(74.8)	0.4	(2.9)	0.0	(0.2)
Russian Federation, Karelia	4.0	(21.1)	14.5	(77.4)	0.3	(1.3)	0.0	(0.3)
*Russian Federation, Komi Republic	4.4	(21.7)	15.6	(75.5)	0.5	(2.4)	0.1	(0.4)
Russian Federation, Murmansk	5.2	(25.6)	14.4	(72.3)	0.2	(1.3)	0.2	(0.8)
*Russian Federation, Orenburg	3.7	(21.3)	12.8	(77.3)	0.2	(1.0)	0.1	(0.4)
Russian Federation, Pskov	3.2	(18.0)	13.8	(79.3)	0.4	(2.0)	0.1	(0.7)
*Russian Federation, Samara	1.7	(9.6)	15.4	(87.9)	0.4	(2.3)	0.0	(0.3)
Russian Federation, Vologda Region	2.9	(18.0)	13.0	(80.4)	0.2	(1.3)	0.1	(0.3)
Slovenia	3.5	(19.6)	14.3	(79.1)	0.2	(1.1)	0.0	(0.2)
Spain, Asturias	5.3	(27.4)	14.1	(69.4)	0.6	(2.9)	0.1	(0.3)
Spain, Basque Country	4.6	(26.1)	13.3	(71.1)	0.5	(2.5)	0.0	(0.4)
Spain, Canary Islands	5.2	(34.1)	9.0	(58.8)	0.8	(4.6)	0.4	(2.6)
Spain, Castellón	2.8	(15.9)	13.9	(80.0)	0.5	(2.7)	0.2	(1.4)
Spain, Girona	1.7	(10.2)	14.9	(86.6)	0.6	(3.2)	–	–
Spain, Granada	4.0	(27.0)	10.3	(69.3)	0.5	(3.5)	0.0	(0.2)
Spain, La Rioja	2.8	(16.5)	14.0	(81.1)	0.4	(2.1)	0.0	(0.3)
Spain, Murcia	3.8	(24.4)	11.4	(72.3)	0.5	(2.7)	0.1	(0.6)
Spain, Navarra	1.0	(5.9)	17.8	(91.7)	0.3	(1.9)	0.1	(0.4)
Spain, Salamanca	4.0	(23.8)	12.4	(74.3)	0.5	(1.9)	–	–
Spain, Tarragona	3.4	(19.2)	14.0	(76.8)	0.8	(3.9)	0.0	(0.1)
*Sweden	0.0	(0.3)	12.4	(95.9)	0.5	(3.8)	0.0	(0.1)
Switzerland, Aargau	1.7	(12.6)	11.0	(82.8)	0.6	(4.1)	0.1	(0.5)
Switzerland, Basel	1.9	(16.3)	10.2	(75.2)	1.1	(8.3)	0.0	(0.3)
Switzerland, Berne Solothurn	2.2	(17.4)	9.8	(76.1)	0.8	(5.6)	0.1	(0.9)
Switzerland, East	2.3	(16.7)	10.7	(77.9)	0.6	(4.3)	0.2	(1.1)
*Switzerland, Fribourg	3.4	(25.3)	9.8	(70.3)	0.7	(4.4)	–	–
Switzerland, Geneva	1.9	(17.0)	8.1	(70.3)	1.3	(10.9)	0.2	(1.7)
*Switzerland, Graubünden and Glarus	2.2	(23.2)	7.3	(68.8)	0.8	(8.0)	–	–
*Switzerland, Lucerne	2.0	(18.9)	8.9	(73.2)	0.3	(4.1)	0.4	(3.8)
*Switzerland, Neuchâtel and Jura	2.3	(18.9)	10.9	(76.3)	0.3	(2.4)	0.4	(2.4)
Switzerland, Ticino	–	–	11.1	(93.7)	0.8	(6.3)	–	–
Switzerland, Valais	2.6	(22.0)	9.4	(74.2)	0.4	(3.3)	0.1	(0.5)
Switzerland, Vaud	2.3	(19.0)	9.5	(70.9)	1.0	(6.8)	0.5	(3.4)
Switzerland, Zurich and Zug	1.7	(15.8)	8.7	(76.2)	0.9	(7.8)	0.0	(0.2)
Ukraine	3.2	(20.0)	12.4	(77.7)	0.3	(1.7)	0.1	(0.6)
UK, England	2.2	(15.3)	11.6	(79.4)	0.8	(5.0)	0.0	(0.3)
UK, Northern Ireland	2.2	(15.9)	11.8	(79.6)	0.7	(4.1)	0.0	(0.4)
UK, Scotland	1.7	(12.7)	11.7	(81.6)	0.8	(5.1)	0.1	(0.6)
UK, Wales	2.1	(14.0)	13.5	(81.3)	0.8	(4.4)	0.1	(0.3)
Oceania								
*Australia, NSW/ACT	3.0	(19.1)	12.3	(74.4)	0.8	(4.7)	0.3	(1.8)
*Australia, Northern Territory	2.4	(15.5)	11.4	(79.6)	0.6	(4.9)	–	–

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases

Rectum and anus (C19–21) - Male (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Oceania (contd)								
*Australia, Northern Territory: Non-Indigenous	2.4	(14.6)	12.2	(82.0)	<i>0.4</i>	<i>(3.4)</i>	–	–
*Australia, Northern Territory: Indigenous	<i>2.1</i>	<i>(21.4)</i>	<i>6.4</i>	<i>(64.3)</i>	<i>1.2</i>	<i>(14.3)</i>	–	–
*Australia, Queensland	3.2	(19.8)	12.3	(73.7)	0.7	(4.1)	0.4	(2.4)
Australia, South Australia	4.4	(28.3)	11.1	(67.8)	0.4	(2.5)	0.2	(1.4)
Australia, Tasmania	3.2	(17.4)	15.0	(77.3)	0.7	(3.7)	<i>0.3</i>	<i>(1.7)</i>
*Australia, Victoria	2.6	(16.4)	12.7	(78.4)	0.6	(3.3)	0.3	(1.9)
*Australia, Western Australia	2.0	(14.7)	11.5	(79.2)	0.8	(5.1)	0.2	(1.0)
*France, New Caledonia	2.4	(25.3)	7.0	(69.6)	<i>0.5</i>	<i>(5.1)</i>	–	–
New Zealand	3.2	(18.8)	13.3	(77.3)	0.5	(2.8)	0.2	(1.2)
*New Zealand: Maori	3.6	(20.4)	12.7	(74.3)	0.7	(4.2)	<i>0.2</i>	<i>(1.1)</i>
*New Zealand: Pacific peoples	1.9	(11.7)	14.8	(85.6)	–	–	<i>0.5</i>	<i>(2.7)</i>
*New Zealand: Other	3.3	(19.0)	13.6	(76.9)	0.6	(2.9)	0.2	(1.2)
USA, Hawaii	2.9	(21.5)	10.5	(73.8)	0.6	(4.4)	<i>0.0</i>	<i>(0.3)</i>
USA, Hawaii: White	2.6	(21.1)	7.9	(67.9)	1.0	(10.0)	<i>0.1</i>	<i>(1.0)</i>
*USA, Hawaii: Japanese	3.2	(20.2)	14.0	(77.8)	<i>0.3</i>	<i>(2.0)</i>	–	–
*USA, Hawaii: Chinese	2.8	<i>(23.1)</i>	8.6	(76.9)	–	–	–	–
*USA, Hawaii: Hawaiian	2.4	(17.9)	10.4	(77.8)	<i>0.6</i>	<i>(4.3)</i>	–	–
*USA, Hawaii: Filipino	4.5	(29.7)	11.4	(69.6)	<i>0.1</i>	<i>(0.7)</i>	–	–

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases

Rectum and anus (C19-21) - Female

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Africa								
*Algeria, Batna	1.4	(24.7)	3.9	(71.4)	0.1	(1.3)	0.1	(2.6)
*Algeria, Tizi Ouzou	1.5	(18.0)	5.6	(78.9)	0.2	(1.5)	0.1	(1.5)
*Benin, Cotonou	0.3	(16.7)	1.0	(66.7)	0.3	(16.7)	–	–
*France, La Réunion	2.4	(30.9)	4.1	(58.1)	0.8	(10.5)	0.0	(0.5)
*Kenya, Eldoret	0.5	(15.6)	2.0	(71.9)	0.3	(9.4)	0.1	(3.1)
*Kenya, Nairobi	1.8	(32.6)	2.8	(50.0)	0.2	(4.2)	0.8	(13.2)
Mauritius	0.6	(13.5)	3.4	(76.0)	0.4	(9.0)	0.1	(1.5)
*Morocco, Casablanca	0.7	(19.1)	2.8	(74.1)	0.2	(6.5)	0.0	(0.2)
*Seychelles	2.9	(28.1)	5.6	(59.4)	0.2	(3.1)	0.8	(9.4)
*South Africa, Eastern Cape	0.1	(3.6)	1.3	(75.0)	0.4	(21.4)	–	–
*Uganda, Kyadondo County	0.4	(6.7)	3.5	(73.3)	0.4	(11.1)	0.3	(8.9)
*Uganda, Gulu	–	–	0.5	(66.7)	–	–	0.3	(33.3)
*Zimbabwe, Bulawayo: African	1.2	(20.0)	2.2	(38.2)	1.0	(25.5)	0.7	(16.4)
*Zimbabwe, Harare: African	1.8	(27.4)	2.8	(52.1)	0.8	(17.1)	0.2	(3.4)
Central and South America and the Caribbean								
*Argentina, Entre Ríos Province	0.9	(14.8)	3.9	(72.3)	0.6	(12.3)	0.0	(0.6)
*Argentina, Mendoza	0.6	(10.7)	3.7	(74.0)	0.6	(13.0)	0.1	(2.3)
Brazil, Aracaju	1.3	(16.2)	4.1	(56.4)	1.9	(24.8)	0.2	(2.6)
*Brazil, Barretos	1.8	(23.7)	4.6	(64.0)	0.9	(12.3)	–	–
Brazil, Belo Horizonte	2.7	(33.6)	4.4	(54.5)	0.8	(10.3)	0.1	(1.6)
*Brazil, Campinas	2.9	(30.4)	5.4	(57.8)	0.9	(9.5)	0.3	(2.4)
*Brazil, Curitiba	1.5	(19.6)	5.2	(69.0)	0.8	(10.9)	0.0	(0.5)
Brazil, Goiânia	0.9	(12.0)	5.0	(68.6)	1.4	(19.4)	–	–
*Brazil, Jaú	0.7	(10.3)	6.7	(87.2)	0.2	(2.6)	–	–
Brazil, João Pessoa	0.7	(13.8)	4.1	(77.0)	0.5	(8.0)	0.1	(1.1)
Brazil, Recife	1.6	(21.9)	4.1	(60.0)	1.2	(17.7)	0.0	(0.4)
Chile, Region of Antofagasta	1.6	(31.7)	3.1	(55.0)	0.4	(6.7)	0.4	(6.7)
Chile, Valdivia	0.9	(14.4)	4.8	(76.3)	0.4	(7.2)	0.1	(2.1)
Colombia, Bucaramanga	0.4	(7.3)	3.5	(65.0)	1.2	(22.8)	0.3	(4.9)
Colombia, Cali	1.2	(19.8)	3.4	(58.9)	1.0	(17.9)	0.2	(3.4)
Colombia, Manizales	1.2	(20.0)	3.8	(64.8)	0.7	(13.3)	0.1	(1.9)
Colombia, Pasto	0.2	(5.7)	3.2	(83.0)	0.2	(5.7)	0.3	(5.7)
Costa Rica	1.0	(20.5)	3.4	(68.1)	0.5	(9.2)	0.1	(2.3)
Ecuador, Guayaquil	0.7	(12.7)	3.3	(60.9)	0.9	(16.7)	0.5	(9.7)
Ecuador, Manabí	0.1	(3.1)	2.5	(67.9)	1.1	(29.0)	–	–
Ecuador, Quito	0.5	(11.2)	3.5	(68.9)	0.9	(19.9)	–	–
*France, Guadeloupe	0.9	(16.2)	3.8	(69.2)	0.6	(12.8)	0.1	(1.7)
*France, Martinique	0.9	(14.6)	4.5	(75.6)	0.6	(8.9)	0.1	(0.8)
*Peru, Lima	0.6	(11.5)	3.2	(61.5)	1.3	(24.3)	0.1	(2.7)
*Trinidad and Tobago	1.6	(32.6)	3.0	(57.2)	0.3	(6.5)	0.2	(3.6)
USA, Puerto Rico	2.0	(24.6)	4.6	(58.0)	0.8	(10.8)	0.4	(6.6)
*Uruguay	1.2	(13.2)	5.8	(70.3)	1.2	(14.4)	0.2	(2.1)
North America								
Canada, Alberta	1.9	(20.1)	6.0	(65.7)	1.2	(12.0)	0.2	(2.3)
Canada, British Columbia	1.7	(17.8)	6.6	(66.8)	1.4	(13.5)	0.2	(1.9)
*Canada, Manitoba	1.5	(14.5)	7.5	(74.7)	0.9	(9.0)	0.2	(1.7)
*Canada, New Brunswick	2.3	(24.7)	5.2	(55.6)	1.9	(18.7)	0.1	(1.0)
*Canada, Newfoundland and Labrador	2.6	(21.8)	8.7	(70.0)	1.0	(7.4)	0.1	(0.8)
Canada, Ontario	2.0	(22.7)	5.7	(62.6)	1.3	(13.8)	0.1	(1.0)
*Canada, Prince Edward Island	3.7	(29.8)	6.1	(61.9)	0.9	(8.3)	–	–
Canada, Quebec	2.0	(19.9)	6.8	(68.2)	1.1	(10.0)	0.2	(1.9)
Canada, Saskatchewan	2.0	(20.9)	6.5	(68.9)	0.9	(8.4)	0.2	(1.8)
*Canada, Yukon	–	–	4.6	(100.0)	–	–	–	–
USA	1.4	(18.8)	4.7	(59.7)	1.4	(18.3)	0.2	(3.3)
USA: White	1.5	(18.7)	4.6	(58.1)	1.6	(19.7)	0.3	(3.5)
USA: Black	1.4	(18.1)	5.0	(65.1)	1.1	(14.2)	0.2	(2.6)
USA, NPCR	1.4	(18.8)	4.7	(59.6)	1.4	(18.3)	0.3	(3.3)
USA, NPCR: White	1.5	(18.7)	4.6	(58.1)	1.6	(19.7)	0.3	(3.5)
USA, NPCR: Black	1.4	(18.2)	5.0	(65.1)	1.1	(14.1)	0.2	(2.6)
USA, NPCR: Asian and Pacific Islander	1.4	(24.0)	4.1	(70.6)	0.2	(4.4)	0.1	(1.0)
USA, NPCR: American Indian	1.0	(18.8)	3.6	(67.1)	0.6	(12.1)	0.1	(2.1)
*USA, SEER (18 registries)	1.5	(18.7)	4.9	(61.4)	1.3	(16.9)	0.2	(3.1)
*USA, SEER (18 registries): White	1.5	(18.5)	4.8	(59.1)	1.5	(19.0)	0.3	(3.4)
*USA, SEER (18 registries): Non-Hispanic White	1.5	(18.2)	4.9	(58.1)	1.7	(20.2)	0.3	(3.6)
*USA, SEER (18 registries): Hispanic White	1.4	(20.2)	4.5	(64.7)	0.9	(12.5)	0.2	(2.6)
*USA, SEER (18 registries): Black	1.4	(17.9)	5.4	(66.2)	1.1	(13.5)	0.2	(2.4)
*USA, SEER (18 registries): Asian and Pacific Islander	1.3	(22.6)	4.4	(72.1)	0.2	(4.0)	0.1	(1.2)
*USA, SEER (9 registries)	1.3	(17.5)	4.8	(62.4)	1.3	(17.0)	0.2	(3.1)
*USA, SEER (9 registries): White	1.3	(17.0)	4.7	(60.0)	1.5	(19.6)	0.3	(3.4)
*USA, SEER (9 registries): Black	1.3	(17.1)	5.2	(65.9)	1.1	(13.8)	0.3	(3.2)
USA, Alabama	1.4	(17.6)	4.8	(61.3)	1.4	(17.8)	0.2	(3.3)
USA, Alabama: White	1.5	(18.5)	4.5	(57.3)	1.7	(21.0)	0.2	(3.2)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)

Percentage distribution of the number of cases

Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
North America (contd)								
USA, Alabama: Black	1.1	(14.7)	5.7	(72.8)	0.6	(8.6)	0.3	(3.8)
USA, Alaska	2.1	(21.5)	6.0	(60.3)	1.5	(15.7)	0.2	(2.5)
*USA, Alaska: Alaska Natives	4.3	(17.1)	17.1	(74.4)	1.6	(7.3)	0.3	(1.2)
USA, Arizona	1.7	(26.1)	3.4	(53.1)	1.0	(16.4)	0.3	(4.3)
USA, Arizona: White	1.8	(26.8)	3.5	(52.0)	1.1	(16.6)	0.3	(4.6)
USA, Arizona: Black	0.8	(17.6)	3.2	(64.7)	1.0	(17.6)	–	–
*USA, Arizona: Asian and Pacific Islander	1.1	(27.5)	2.5	(62.5)	0.2	(7.5)	0.1	(2.5)
USA, Arizona: American Indian	0.7	(14.5)	3.4	(69.1)	0.7	(14.5)	0.1	(1.8)
USA, Arkansas	1.9	(21.7)	4.7	(56.5)	1.5	(16.3)	0.5	(5.5)
USA, Arkansas: White	1.8	(20.8)	4.6	(55.6)	1.6	(17.6)	0.5	(6.0)
USA, Arkansas: Black	2.1	(27.5)	4.6	(62.6)	0.6	(7.6)	0.1	(2.3)
USA, California	1.4	(18.8)	4.6	(61.1)	1.2	(16.9)	0.2	(3.3)
USA, California: White	1.4	(18.5)	4.6	(58.4)	1.5	(19.4)	0.3	(3.6)
USA, California: Black	1.1	(16.4)	4.6	(64.6)	1.1	(15.4)	0.2	(3.6)
USA, California: Asian and Pacific Islander	1.3	(22.6)	4.3	(72.4)	0.2	(3.6)	0.1	(1.3)
*USA, California, Los Angeles County	1.3	(18.0)	4.8	(66.1)	0.9	(12.6)	0.2	(3.3)
*USA, California, Los Angeles County: White	1.3	(17.6)	4.7	(64.2)	1.1	(14.5)	0.3	(3.7)
*USA, California, Los Angeles County: Non-Hispanic White	1.5	(18.0)	5.1	(59.4)	1.5	(17.7)	0.4	(4.9)
*USA, California, Los Angeles County: Hispanic White	1.0	(16.9)	4.5	(71.2)	0.6	(9.9)	0.1	(2.0)
*USA, California, Los Angeles County: Black	1.0	(14.9)	4.7	(68.8)	1.0	(14.1)	0.1	(2.2)
*USA, California, Los Angeles County: Chinese	0.6	(16.2)	3.4	(80.2)	0.1	(2.7)	0.0	(0.9)
*USA, California, Los Angeles County: Filipino	1.3	(24.2)	3.5	(65.7)	0.3	(6.1)	0.2	(4.0)
*USA, California, Los Angeles County: Korean	1.6	(25.0)	4.5	(72.2)	0.0	(1.4)	0.1	(1.4)
*USA, California, Los Angeles County: Asian and Pacific Islander	1.4	(22.7)	4.5	(71.5)	0.2	(4.2)	0.1	(1.7)
*USA, California, San Francisco Bay Area	1.3	(19.6)	4.0	(60.7)	1.2	(17.3)	0.2	(2.4)
*USA, California, San Francisco Bay Area: White	1.3	(18.6)	3.8	(55.7)	1.6	(22.8)	0.2	(2.9)
*USA, California, San Francisco Bay Area: Non-Hispanic White	1.3	(18.8)	3.9	(54.4)	1.6	(23.8)	0.2	(3.0)
*USA, California, San Francisco Bay Area: Hispanic White	1.1	(17.6)	3.7	(61.6)	1.2	(18.2)	0.2	(2.5)
*USA, California, San Francisco Bay Area: Black	1.1	(15.6)	4.2	(62.3)	1.3	(18.0)	0.2	(4.1)
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1.4	(24.0)	4.3	(71.2)	0.2	(3.9)	0.1	(0.8)
USA, Colorado	1.3	(19.4)	3.9	(57.1)	1.3	(19.4)	0.3	(4.0)
USA, Colorado: White	1.3	(19.8)	3.9	(56.0)	1.4	(20.1)	0.3	(4.1)
*USA, Colorado: Black	1.1	(13.6)	5.6	(69.5)	1.3	(16.9)	–	–
*USA, Colorado: Asian and Pacific Islander	1.1	(20.9)	4.2	(69.8)	0.4	(7.0)	0.2	(2.3)
USA, Connecticut	1.3	(18.5)	4.5	(60.4)	1.4	(18.2)	0.2	(2.9)
USA, Connecticut: White	1.3	(18.7)	4.3	(59.1)	1.4	(19.1)	0.2	(3.1)
USA, Connecticut: Black	1.3	(19.3)	4.2	(61.5)	1.4	(18.3)	0.1	(0.9)
USA, District of Columbia	1.4	(16.7)	5.2	(58.6)	2.1	(22.3)	0.1	(2.3)
USA, District of Columbia: White	1.4	(23.3)	3.9	(56.7)	1.4	(18.3)	0.1	(1.7)
USA, District of Columbia: Black	1.3	(14.8)	5.8	(59.9)	2.4	(22.5)	0.2	(2.8)
USA, Florida	1.4	(18.9)	4.0	(53.0)	1.8	(23.8)	0.3	(4.3)
USA, Florida: White	1.5	(18.6)	4.1	(52.0)	2.0	(25.0)	0.3	(4.5)
USA, Florida: Black	1.3	(22.2)	3.6	(59.1)	1.0	(15.8)	0.2	(2.9)
USA, Florida: Asian and Pacific Islander	1.0	(24.8)	2.9	(68.8)	0.2	(5.5)	0.0	(0.9)
USA, Georgia	1.6	(18.8)	5.4	(61.5)	1.4	(16.6)	0.3	(3.1)
USA, Georgia: White	1.7	(19.2)	5.2	(58.0)	1.7	(19.3)	0.3	(3.6)
USA, Georgia: Black	1.5	(18.1)	5.9	(68.3)	1.0	(11.2)	0.2	(2.3)
USA, Georgia: Asian and Pacific Islander	1.2	(19.3)	4.8	(76.1)	0.3	(4.5)	–	–
*USA, Georgia, Atlanta	1.5	(19.2)	5.0	(62.8)	1.2	(15.5)	0.2	(2.6)
*USA, Georgia, Atlanta: White	1.6	(20.2)	4.5	(56.8)	1.6	(20.2)	0.2	(2.7)
*USA, Georgia, Atlanta: Black	1.5	(17.5)	5.7	(68.9)	0.9	(10.9)	0.2	(2.7)
USA, Idaho	1.3	(15.1)	4.7	(58.0)	1.9	(25.1)	0.2	(1.9)
USA, Indiana	1.6	(18.0)	5.3	(60.1)	1.7	(18.8)	0.3	(3.1)
USA, Indiana: White	1.6	(17.8)	5.3	(59.8)	1.8	(19.5)	0.3	(3.0)
USA, Indiana: Black	1.4	(19.9)	4.9	(62.5)	1.1	(13.6)	0.2	(4.0)
*USA, Iowa	1.3	(16.0)	5.0	(60.6)	1.7	(19.7)	0.3	(3.7)
USA, Kentucky	1.5	(16.4)	6.0	(60.8)	1.9	(19.0)	0.4	(3.7)
USA, Louisiana	1.7	(18.1)	6.1	(65.1)	1.4	(15.4)	0.1	(1.4)
USA, Louisiana: White	1.6	(17.7)	5.7	(62.1)	1.7	(18.4)	0.2	(1.8)
USA, Louisiana: Black	1.8	(18.5)	7.1	(71.3)	0.9	(9.6)	0.0	(0.5)
*USA, Louisiana, New Orleans	1.2	(14.5)	5.7	(70.0)	1.1	(14.5)	0.1	(1.0)
*USA, Louisiana, New Orleans: White	1.0	(14.8)	4.3	(61.3)	1.5	(21.8)	0.1	(2.1)
*USA, Louisiana, New Orleans: Black	1.2	(12.1)	7.6	(80.0)	0.7	(7.9)	–	–
USA, Maine	1.3	(16.6)	4.4	(58.1)	1.8	(21.7)	0.3	(3.6)
USA, Maryland	1.5	(21.8)	4.1	(57.3)	1.2	(16.7)	0.3	(4.3)
USA, Maryland: White	1.6	(21.8)	4.0	(54.3)	1.4	(19.2)	0.3	(4.7)
USA, Maryland: Black	1.4	(21.1)	4.3	(61.5)	0.9	(13.3)	0.3	(4.1)
USA, Maryland: Asian and Pacific Islander	1.3	(23.7)	4.4	(71.1)	0.3	(4.1)	0.1	(1.0)
USA, Massachusetts	1.3	(18.1)	4.6	(60.7)	1.4	(18.0)	0.2	(3.2)
USA, Massachusetts: White	1.3	(17.9)	4.5	(59.9)	1.4	(18.9)	0.2	(3.3)
USA, Massachusetts: Black	1.5	(21.1)	4.5	(63.3)	1.0	(13.6)	0.2	(2.0)
USA, Massachusetts: Asian and Pacific Islander	1.1	(19.5)	4.3	(75.6)	0.2	(3.7)	0.0	(1.2)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0-2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
North America (contd)								
USA, Michigan	1.3	(16.4)	4.9	(62.4)	1.4	(18.2)	0.2	(3.0)
USA, Michigan: White	1.3	(16.2)	4.8	(61.4)	1.6	(19.4)	0.2	(3.0)
USA, Michigan: Black	1.3	(17.5)	5.2	(67.3)	0.9	(12.0)	0.2	(3.2)
USA, Michigan: Asian and Pacific Islander	1.1	(22.9)	3.5	(72.9)	0.2	(4.2)	—	—
*USA, Michigan, Detroit	1.3	(15.9)	5.5	(65.2)	1.4	(15.8)	0.3	(3.1)
*USA, Michigan, Detroit: White	1.3	(15.2)	5.6	(64.7)	1.5	(17.2)	0.2	(2.9)
*USA, Michigan, Detroit: Black	1.5	(18.2)	5.5	(65.0)	1.1	(12.8)	0.4	(4.0)
USA, Minnesota	1.0	(14.4)	4.6	(63.8)	1.3	(17.8)	0.3	(4.0)
USA, Minnesota: White	1.1	(15.0)	4.5	(62.9)	1.3	(18.1)	0.3	(4.0)
USA, Minnesota: Black	0.8	(8.5)	6.1	(67.6)	1.6	(16.9)	0.7	(7.0)
*USA, Minnesota: Asian and Pacific Islander	1.1	(14.3)	5.9	(81.6)	0.4	(4.1)	—	—
USA, Mississippi	1.4	(16.5)	5.6	(63.3)	1.4	(15.9)	0.4	(4.2)
USA, Missouri	1.4	(17.4)	4.6	(58.1)	1.8	(21.8)	0.2	(2.8)
USA, Missouri: White	1.4	(17.5)	4.5	(56.9)	1.9	(22.9)	0.2	(2.8)
USA, Missouri: Black	1.4	(15.5)	6.1	(65.7)	1.3	(15.5)	0.3	(3.2)
USA, Montana	1.1	(15.0)	4.7	(60.0)	1.6	(21.1)	0.3	(3.9)
*USA, Montana: American Indian	1.5	(13.6)	8.5	(81.8)	0.6	(4.5)	—	—
USA, Nebraska	1.2	(14.9)	5.7	(65.2)	1.5	(17.1)	0.3	(2.9)
USA, Nebraska: White	1.2	(14.9)	5.6	(64.9)	1.5	(17.1)	0.3	(3.1)
*USA, Nebraska: Black	1.3	(13.8)	7.9	(69.0)	2.1	(17.2)	—	—
USA, Nevada	1.5	(20.1)	4.3	(59.2)	1.4	(18.7)	0.1	(1.9)
USA, Nevada: White	1.5	(18.4)	4.7	(60.5)	1.5	(19.2)	0.1	(1.9)
USA, Nevada: Black	1.5	(26.8)	2.7	(46.4)	1.3	(23.2)	0.2	(3.6)
*USA, Nevada: Asian and Pacific Islander	1.5	(36.8)	2.3	(50.9)	0.6	(12.3)	—	—
USA, New Jersey	1.8	(22.4)	4.8	(58.8)	1.4	(16.3)	0.2	(2.5)
USA, New Jersey: White	1.8	(22.7)	4.8	(57.6)	1.5	(17.0)	0.2	(2.7)
USA, New Jersey: Black	1.6	(20.4)	4.7	(60.6)	1.4	(17.4)	0.1	(1.6)
USA, New Mexico	1.3	(18.8)	4.4	(63.6)	1.1	(15.5)	0.1	(2.2)
USA, New Mexico: White	1.4	(19.5)	4.3	(61.4)	1.2	(16.9)	0.1	(2.1)
USA, New Mexico: Non-Hispanic White	1.4	(18.3)	4.2	(58.6)	1.5	(20.1)	0.2	(3.0)
USA, New Mexico: Hispanic White	1.5	(21.3)	4.5	(65.7)	0.8	(12.2)	0.1	(0.9)
*USA, New Mexico: American Indian	1.1	(15.7)	5.5	(80.4)	0.2	(2.0)	0.1	(2.0)
USA, New York State	1.6	(20.8)	4.7	(57.9)	1.5	(18.1)	0.2	(3.1)
USA, New York State: White	1.7	(21.0)	4.6	(56.2)	1.6	(19.3)	0.3	(3.5)
USA, New York State: Black	1.5	(19.1)	4.8	(59.8)	1.5	(18.5)	0.2	(2.5)
USA, New York State: Asian and Pacific Islander	1.5	(24.1)	4.7	(72.0)	0.2	(3.0)	0.1	(0.9)
USA, North Carolina	1.3	(16.3)	4.7	(59.9)	1.6	(21.0)	0.2	(2.8)
USA, North Carolina: White	1.3	(16.9)	4.6	(57.3)	1.8	(22.9)	0.2	(3.0)
USA, North Carolina: Black	1.0	(13.5)	4.9	(68.3)	1.2	(15.9)	0.2	(2.3)
USA, North Carolina: Asian and Pacific Islander	1.2	(22.0)	4.1	(74.0)	0.3	(4.0)	—	—
*USA, North Carolina: American Indian	0.5	(9.7)	4.2	(74.2)	1.0	(16.1)	—	—
USA, North Dakota	1.6	(19.2)	5.9	(63.9)	1.4	(13.9)	0.2	(3.0)
USA, Ohio	1.3	(15.9)	5.1	(62.8)	1.5	(17.9)	0.3	(3.5)
USA, Ohio: White	1.3	(15.9)	5.0	(62.0)	1.6	(18.4)	0.3	(3.7)
USA, Ohio: Black	1.1	(16.0)	5.2	(66.7)	1.2	(15.5)	0.1	(1.9)
*USA, Ohio: Asian and Pacific Islander	1.0	(28.1)	2.1	(56.2)	0.5	(12.5)	0.1	(3.1)
USA, Oklahoma	1.8	(21.0)	4.8	(56.2)	1.7	(20.0)	0.2	(2.9)
USA, Oklahoma: White	1.8	(20.2)	4.8	(55.1)	1.9	(21.5)	0.3	(3.2)
USA, Oklahoma: Black	1.5	(19.3)	5.0	(61.4)	1.4	(16.9)	0.2	(2.4)
USA, Oklahoma: American Indian	2.0	(26.6)	4.7	(64.9)	0.6	(7.4)	0.1	(1.1)
USA, Oregon	1.4	(17.7)	4.2	(55.2)	1.8	(23.2)	0.3	(3.9)
USA, Oregon: White	1.4	(17.4)	4.1	(54.3)	1.9	(24.3)	0.3	(4.0)
*USA, Oregon: Black	0.8	(13.3)	4.6	(80.0)	0.5	(6.7)	—	—
*USA, Oregon: Asian and Pacific Islander	1.9	(26.9)	4.5	(65.4)	0.4	(5.8)	0.1	(1.9)
USA, Rhode Island	1.7	(20.6)	4.6	(58.1)	1.5	(17.5)	0.3	(3.8)
USA, Rhode Island: White	1.8	(20.7)	4.5	(57.7)	1.5	(17.6)	0.3	(3.9)
*USA, Rhode Island: Black	0.6	(9.1)	5.0	(63.6)	2.1	(22.7)	0.4	(4.5)
USA, South Carolina	1.1	(16.3)	4.4	(61.1)	1.4	(19.5)	0.2	(3.0)
USA, South Carolina: White	1.3	(17.4)	4.2	(57.3)	1.7	(21.7)	0.3	(3.6)
USA, South Carolina: Black	0.9	(13.0)	4.9	(72.6)	0.9	(13.3)	0.1	(1.1)
USA, South Dakota	1.6	(19.9)	5.0	(63.4)	1.2	(15.3)	0.1	(1.4)
USA, Tennessee	1.5	(17.8)	4.7	(57.6)	1.9	(22.0)	0.2	(2.7)
USA, Tennessee: White	1.4	(17.2)	4.6	(56.4)	2.1	(23.6)	0.2	(2.8)
USA, Tennessee: Black	1.7	(21.2)	5.2	(62.5)	1.2	(14.3)	0.2	(2.0)
USA, Texas	1.5	(21.3)	4.3	(59.7)	1.1	(15.2)	0.3	(3.8)
USA, Texas: White	1.5	(20.9)	4.3	(58.7)	1.2	(16.4)	0.3	(4.0)
USA, Texas: Black	1.6	(22.0)	4.7	(64.0)	0.8	(10.5)	0.3	(3.5)
USA, Texas: Asian and Pacific Islander	1.5	(29.4)	3.4	(66.8)	0.2	(3.4)	0.0	(0.4)
USA, Utah	1.0	(15.5)	4.2	(62.6)	1.1	(18.0)	0.2	(3.8)
USA, Vermont	1.2	(14.6)	5.0	(57.9)	1.9	(24.6)	0.2	(2.9)
USA, Washington State	1.3	(16.1)	5.0	(60.9)	1.5	(19.2)	0.3	(3.8)
*USA, Washington, Seattle	1.2	(15.0)	5.1	(61.9)	1.5	(19.0)	0.3	(4.0)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases

Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
North America (contd)								
USA, West Virginia	1.6	(17.6)	5.8	(59.6)	2.0	(19.4)	0.4	(3.4)
USA, Wyoming	1.1	(18.2)	3.9	(62.3)	1.2	(17.5)	0.1	(1.9)
Asia								
Bahrain: Bahrainis	2.2	(37.5)	3.2	(55.6)	0.1	(2.8)	0.2	(4.2)
Brunei Darussalam	3.2	(36.4)	5.8	(62.5)	0.1	(1.1)	–	–
*China, Anfu County	–	–	7.1	(100.0)	–	–	–	–
*China, Anguo City	1.0	(12.3)	6.8	(81.6)	0.1	(0.9)	0.4	(5.3)
*China, Anshan City	0.2	(2.1)	9.5	(96.7)	0.1	(1.1)	0.0	(0.1)
*China, Aohan Banner, Chifeng City	0.1	(2.4)	4.4	(97.6)	–	–	–	–
*China, Arongqi	0.2	(2.4)	9.4	(96.4)	–	–	0.1	(1.2)
*China, Baoding City	0.3	(4.8)	5.5	(94.8)	0.0	(0.4)	–	–
*China, Beijing City	0.5	(7.4)	6.3	(91.3)	0.1	(1.0)	0.0	(0.4)
*China, Binhai County	0.1	(2.2)	4.5	(95.2)	0.1	(2.2)	0.0	(0.4)
*China, Cangzhou City	–	–	5.1	(97.8)	0.0	(1.1)	0.1	(1.1)
China, Changfeng County	0.1	(1.7)	6.9	(97.5)	0.1	(0.8)	–	–
China, Changzhou City	0.5	(6.2)	7.0	(91.7)	0.1	(1.3)	0.1	(0.8)
China, Chengdu City	0.4	(4.0)	9.9	(90.0)	0.3	(2.4)	0.4	(3.5)
China, Cixian County	0.1	(1.9)	4.8	(88.3)	0.1	(1.9)	0.4	(7.8)
China, Cixi City	0.7	(9.6)	6.4	(81.6)	0.0	(0.5)	0.6	(8.4)
*China, Dafeng District, Yancheng City	–	–	6.3	(99.2)	0.0	(0.8)	–	–
China, Dalian City	0.2	(2.1)	8.3	(96.4)	0.1	(1.0)	0.0	(0.5)
*China, Dancheng County	0.2	(1.9)	7.4	(61.1)	3.3	(28.8)	0.7	(8.2)
China, Dangtu County	0.2	(2.9)	5.6	(94.1)	0.1	(1.5)	0.0	(1.5)
*China, Danyang City	0.0	(0.4)	6.6	(94.0)	0.1	(1.8)	0.3	(3.9)
*China, Dawukou District, Shizuishan City	0.6	(11.3)	5.3	(88.7)	–	–	–	–
*China, Dehui City	–	–	4.4	(100.0)	–	–	–	–
*China, Donggang County	0.1	(1.8)	7.5	(98.2)	–	–	–	–
*China, Dongguan City	0.4	(5.5)	6.9	(92.8)	0.0	(0.3)	0.1	(1.4)
China, Donghai County	0.0	(1.1)	4.4	(98.4)	–	–	0.0	(0.5)
*China, Dongtai City	–	–	4.5	(99.6)	0.1	(0.4)	–	–
China, Duanzhou District, Zhaoqing City	0.8	(8.8)	6.9	(87.3)	0.4	(3.9)	–	–
*China, Evenki Autonomous Banner	0.3	(3.7)	7.1	(85.2)	–	–	1.2	(11.1)
*China, Faku County	0.8	(13.2)	5.1	(83.7)	0.2	(2.3)	0.0	(0.8)
*China, Fangcheng County	0.1	(1.3)	6.2	(82.3)	1.1	(14.6)	0.1	(1.9)
*China, Feicheng City	0.3	(4.3)	6.0	(95.3)	0.0	(0.4)	–	–
China, Feixi County	0.0	(0.7)	6.6	(98.6)	0.0	(0.7)	–	–
China, Fuqing City	0.1	(1.1)	6.2	(98.3)	0.0	(0.6)	–	–
*China, Ganyu District, Lianyungang City	0.0	(0.4)	5.8	(99.6)	–	–	–	–
*China, Ganzhou District, Zhangye City	0.8	(9.0)	9.7	(84.3)	0.1	(1.1)	0.7	(5.6)
*China, Gaocheng City	0.1	(4.6)	3.3	(92.0)	0.0	(1.1)	0.1	(2.3)
China, Gaomi City	–	–	6.2	(100.0)	–	–	–	–
China, Gong'an County	0.1	(1.8)	6.1	(96.1)	0.1	(2.2)	–	–
*China, Guang'an District, Guang'an City	0.3	(3.6)	7.6	(91.0)	0.3	(4.2)	0.1	(1.2)
China, Guanghan City	0.3	(3.9)	6.6	(95.3)	0.0	(0.8)	–	–
China, Guangzhou City	0.4	(5.6)	6.3	(92.0)	0.1	(1.4)	0.1	(1.0)
*China, Guanyun County	0.0	(0.6)	4.7	(99.4)	–	–	–	–
China, Guilin City	0.2	(2.4)	9.7	(94.9)	0.2	(2.4)	0.0	(0.4)
*China, Hai'an City	0.1	(1.8)	6.3	(96.3)	0.1	(1.6)	0.0	(0.3)
China, Hailar District, Hulun Buir City	0.5	(5.7)	7.5	(92.5)	0.1	(0.9)	0.1	(0.9)
China, Haimen District, Nantong City	0.3	(3.7)	6.8	(95.0)	0.0	(0.7)	0.0	(0.5)
China, Haining City	0.1	(1.9)	5.3	(94.4)	0.1	(2.3)	0.1	(1.4)
China, Hangzhou City	0.7	(9.0)	6.7	(87.5)	0.1	(1.5)	0.1	(1.9)
China, Hebi City	0.2	(2.9)	4.8	(92.6)	0.1	(1.5)	0.1	(2.9)
China, Hefei City	0.1	(1.3)	7.5	(97.2)	0.1	(1.0)	0.0	(0.4)
China, Hengdong County	0.1	(1.4)	4.1	(94.4)	0.1	(1.4)	0.1	(2.8)
*China, Hengfeng County	1.9	(20.0)	8.6	(80.0)	–	–	–	–
*China, Hepu County	0.0	(0.5)	6.2	(95.4)	0.1	(1.5)	0.2	(2.6)
China, Honghu City	0.1	(2.2)	5.7	(97.3)	0.0	(0.5)	–	–
China, Hongshan District, Chifeng City	0.2	(2.2)	8.8	(96.3)	0.2	(1.5)	–	–
*China, Hongta District, Yuxi City	0.1	(1.2)	9.4	(97.6)	0.1	(0.6)	0.0	(0.6)
*China, Huaiyin District, Huai'an City	0.1	(1.7)	4.8	(97.2)	0.0	(0.6)	0.0	(0.6)
*China, Jiange County	0.2	(3.7)	5.5	(89.0)	0.3	(3.7)	0.2	(3.7)
China, Jiangmen City	0.3	(4.6)	7.1	(89.9)	0.3	(3.7)	0.2	(1.8)
*China, Jiangyin City	0.4	(5.6)	6.9	(92.5)	0.1	(1.3)	0.0	(0.6)
*China, Jiashan County	0.5	(7.2)	8.6	(89.5)	0.1	(1.4)	0.1	(1.9)
China, Jiayu County	0.1	(1.8)	7.0	(98.2)	–	–	–	–
*China, Jinan City	0.1	(2.4)	6.3	(95.7)	0.0	(0.8)	0.1	(1.1)
*China, Jingtai County	0.7	(6.8)	9.5	(93.2)	–	–	–	–
*China, Jingxian County	0.3	(4.7)	6.8	(93.0)	0.2	(2.3)	–	–
*China, Jintan District, Changzhou City	0.5	(6.2)	6.4	(90.4)	0.2	(2.8)	0.0	(0.6)
*China, Jiulongpo District, Chongqing City	0.1	(1.0)	8.1	(96.7)	0.3	(1.7)	0.0	(0.7)
*China, Jiyuan City	0.4	(4.9)	7.3	(92.3)	0.2	(2.8)	–	–

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Asia (contd)								
China, Kaihua County	<i>0.1</i>	<i>(2.6)</i>	5.6	(92.3)	<i>0.2</i>	<i>(3.8)</i>	<i>0.0</i>	<i>(1.3)</i>
China, Kunshan City	<i>0.1</i>	<i>(0.7)</i>	7.5	(97.9)	<i>0.1</i>	<i>(1.0)</i>	<i>0.0</i>	<i>(0.3)</i>
China, Langzhong City	<i>0.2</i>	<i>(1.8)</i>	8.7	(97.1)	<i>0.0</i>	<i>(0.6)</i>	<i>0.1</i>	<i>(0.6)</i>
*China, Liangshan County	<i>0.1</i>	<i>(1.8)</i>	6.5	(95.5)	<i>0.0</i>	<i>(0.5)</i>	<i>0.2</i>	<i>(2.3)</i>
*China, Lianshui County	<i>0.0</i>	<i>(0.5)</i>	3.9	(96.7)	<i>0.1</i>	<i>(1.6)</i>	<i>0.1</i>	<i>(1.1)</i>
China, Lianyungang City	<i>0.1</i>	<i>(2.0)</i>	4.6	(97.5)	–	–	<i>0.0</i>	<i>(0.5)</i>
China, Linhe District, Bayannur City	<i>0.1</i>	<i>(0.6)</i>	11.9	(97.5)	<i>0.3</i>	<i>(1.9)</i>	–	–
China, Linqu County	<i>0.2</i>	<i>(3.3)</i>	5.7	(92.1)	<i>0.1</i>	<i>(1.2)</i>	<i>0.1</i>	<i>(3.3)</i>
*China, Linzhou City	<i>0.0</i>	<i>(0.8)</i>	6.3	(98.4)	<i>0.1</i>	<i>(0.8)</i>	–	–
China, Liuzhou City	<i>0.2</i>	<i>(2.2)</i>	7.6	(95.0)	<i>0.2</i>	<i>(2.2)</i>	<i>0.0</i>	<i>(0.6)</i>
China, Liyang City	<i>0.2</i>	<i>(2.5)</i>	6.3	(95.0)	<i>0.1</i>	<i>(1.8)</i>	<i>0.0</i>	<i>(0.7)</i>
*China, Longquan City	<i>0.9</i>	<i>(8.3)</i>	9.7	(90.7)	–	–	<i>0.1</i>	<i>(0.9)</i>
China, Lucheng District, Wenzhou City	<i>0.6</i>	<i>(7.0)</i>	7.6	(89.2)	–	–	<i>0.3</i>	<i>(3.8)</i>
China, Luoding City	–	–	5.5	(97.6)	<i>0.1</i>	<i>(0.8)</i>	<i>0.1</i>	<i>(1.6)</i>
*China, Luohe City	<i>0.7</i>	<i>(11.4)</i>	5.1	(85.4)	<i>0.1</i>	<i>(2.0)</i>	<i>0.1</i>	<i>(1.2)</i>
*China, Luoyang City	<i>0.4</i>	<i>(5.7)</i>	6.0	(93.2)	<i>0.0</i>	<i>(0.3)</i>	<i>0.0</i>	<i>(0.7)</i>
*China, Luquan City	<i>0.3</i>	<i>(7.4)</i>	3.6	(87.0)	<i>0.1</i>	<i>(1.9)</i>	<i>0.2</i>	<i>(3.7)</i>
China, Ma'an Shan City	<i>0.3</i>	<i>(3.4)</i>	8.2	(96.1)	<i>0.0</i>	<i>(0.5)</i>	–	–
*China, Macheng City	–	–	6.1	(98.7)	<i>0.0</i>	<i>(0.7)</i>	<i>0.0</i>	<i>(0.7)</i>
China, Meihekou City	<i>0.7</i>	<i>(8.5)</i>	6.6	(84.1)	–	–	<i>0.5</i>	<i>(7.4)</i>
*China, Mengjin County	–	–	6.4	(100.0)	–	–	–	–
China, Nangang District, Harbin City	<i>0.3</i>	<i>(4.5)</i>	6.2	(93.6)	<i>0.1</i>	<i>(1.6)</i>	<i>0.0</i>	<i>(0.3)</i>
*China, Nanhai District, Foshan City	<i>0.3</i>	<i>(4.6)</i>	6.4	(92.5)	<i>0.1</i>	<i>(2.1)</i>	<i>0.1</i>	<i>(0.8)</i>
China, Nanhu District, Jiaying City	<i>0.8</i>	<i>(9.0)</i>	6.7	(82.4)	<i>0.2</i>	<i>(3.6)</i>	<i>0.4</i>	<i>(5.0)</i>
*China, Nantong City	<i>0.1</i>	<i>(1.0)</i>	5.9	(97.8)	<i>0.1</i>	<i>(1.2)</i>	–	–
*China, Nanxiong City	<i>0.3</i>	<i>(3.8)</i>	5.9	(95.2)	<i>0.1</i>	<i>(1.0)</i>	–	–
China, Neixiang County	<i>0.4</i>	<i>(6.7)</i>	5.8	(87.1)	<i>0.3</i>	<i>(3.7)</i>	<i>0.1</i>	<i>(2.5)</i>
*China, Qianxi County	–	–	5.8	(98.7)	–	–	<i>0.1</i>	<i>(1.3)</i>
China, Qidong City	<i>0.0</i>	<i>(0.4)</i>	8.7	(98.7)	<i>0.1</i>	<i>(0.9)</i>	–	–
China, Qingzhou City	<i>0.2</i>	<i>(2.3)</i>	7.0	(96.9)	<i>0.0</i>	<i>(0.4)</i>	<i>0.0</i>	<i>(0.4)</i>
*China, Rudong County	<i>0.0</i>	<i>(0.4)</i>	6.3	(97.8)	<i>0.2</i>	<i>(1.8)</i>	–	–
*China, Rugao City	<i>0.0</i>	<i>(0.2)</i>	5.8	(98.1)	<i>0.1</i>	<i>(1.7)</i>	–	–
*China, Rural areas of Shanghai City	<i>0.3</i>	<i>(3.9)</i>	7.0	(94.5)	<i>0.1</i>	<i>(1.2)</i>	<i>0.0</i>	<i>(0.5)</i>
China, Ruyang County	<i>0.3</i>	<i>(5.6)</i>	5.1	(90.1)	<i>0.2</i>	<i>(4.2)</i>	–	–
*China, Shan County	<i>0.0</i>	<i>(0.6)</i>	5.4	(94.6)	<i>0.0</i>	<i>(0.6)</i>	<i>0.3</i>	<i>(4.2)</i>
China, Shanghai City	<i>0.4</i>	<i>(4.7)</i>	7.3	(93.4)	<i>0.1</i>	<i>(1.4)</i>	<i>0.0</i>	<i>(0.5)</i>
China, Shangyu District, Shaoxing City	<i>1.1</i>	<i>(11.2)</i>	7.2	(83.2)	<i>0.1</i>	<i>(0.9)</i>	<i>0.4</i>	<i>(4.7)</i>
*China, Shapingba District, Chongqing City	<i>0.2</i>	<i>(1.9)</i>	8.5	(96.8)	<i>0.1</i>	<i>(0.6)</i>	<i>0.1</i>	<i>(0.6)</i>
China, Shexian County	<i>0.4</i>	<i>(4.3)</i>	9.8	(95.0)	<i>0.1</i>	<i>(0.7)</i>	–	–
China, Sheyang County	–	–	7.8	(100.0)	–	–	–	–
*China, Shijiazhuang City	<i>0.1</i>	<i>(2.5)</i>	5.4	(94.8)	<i>0.0</i>	<i>(0.3)</i>	<i>0.1</i>	<i>(2.5)</i>
China, Shunde District, Foshan City	<i>0.7</i>	<i>(9.1)</i>	7.2	(87.6)	<i>0.2</i>	<i>(1.9)</i>	<i>0.1</i>	<i>(1.4)</i>
*China, Song County	<i>0.1</i>	<i>(2.1)</i>	6.1	(97.9)	–	–	–	–
China, Suzhou City	<i>0.2</i>	<i>(3.3)</i>	6.6	(93.3)	<i>0.1</i>	<i>(1.2)</i>	<i>0.1</i>	<i>(2.2)</i>
*China, Tengzhou City	<i>0.0</i>	<i>(0.3)</i>	6.2	(98.7)	<i>0.0</i>	<i>(0.8)</i>	<i>0.0</i>	<i>(0.3)</i>
*China, Wangdu County	<i>0.7</i>	<i>(17.9)</i>	3.2	(82.1)	–	–	–	–
*China, Wanzai County	<i>0.2</i>	<i>(1.8)</i>	9.2	(98.2)	–	–	–	–
*China, Wu'an City	<i>0.2</i>	<i>(4.3)</i>	5.5	(95.7)	–	–	–	–
China, Wuhan City	<i>0.2</i>	<i>(3.2)</i>	6.8	(94.3)	<i>0.1</i>	<i>(1.5)</i>	<i>0.1</i>	<i>(1.0)</i>
*China, Wuhu City	<i>0.0</i>	<i>(0.9)</i>	5.9	(98.7)	<i>0.0</i>	<i>(0.3)</i>	–	–
China, Wuxi City	<i>0.4</i>	<i>(6.4)</i>	6.5	(89.6)	<i>0.1</i>	<i>(1.7)</i>	<i>0.2</i>	<i>(2.3)</i>
China, Wuzhou City	–	–	7.0	(97.4)	<i>0.2</i>	<i>(2.6)</i>	–	–
China, Xiangfu District, Kaifeng City	<i>0.3</i>	<i>(3.9)</i>	5.7	(83.8)	<i>0.9</i>	<i>(12.3)</i>	–	–
China, Xianju County	<i>1.7</i>	<i>(23.7)</i>	5.1	(73.4)	<i>0.1</i>	<i>(1.4)</i>	<i>0.1</i>	<i>(1.4)</i>
*China, Xin'an County	<i>0.1</i>	<i>(1.4)</i>	5.7	(97.1)	<i>0.1</i>	<i>(1.4)</i>	–	–
*China, Xining City	<i>0.2</i>	<i>(2.1)</i>	9.7	(97.4)	<i>0.1</i>	<i>(0.4)</i>	–	–
*China, Xinji City	<i>0.2</i>	<i>(4.2)</i>	3.6	(88.1)	<i>0.0</i>	<i>(0.8)</i>	<i>0.3</i>	<i>(6.8)</i>
*China, Xinluo District, Longyan City	<i>1.2</i>	<i>(12.8)</i>	8.1	(83.8)	<i>0.2</i>	<i>(1.7)</i>	<i>0.1</i>	<i>(1.7)</i>
*China, Xinzhou District, Shangrao City	<i>0.3</i>	<i>(3.5)</i>	5.9	(94.1)	<i>0.1</i>	<i>(2.4)</i>	–	–
China, Xiping County	<i>0.3</i>	<i>(5.6)</i>	5.9	(90.3)	<i>0.2</i>	<i>(3.6)</i>	<i>0.0</i>	<i>(0.5)</i>
*China, Xishan District, Kunming City	<i>0.4</i>	<i>(6.4)</i>	5.8	(90.9)	<i>0.1</i>	<i>(1.8)</i>	<i>0.0</i>	<i>(0.9)</i>
*China, Xuyi County	<i>0.1</i>	<i>(2.9)</i>	4.9	(94.3)	<i>0.2</i>	<i>(2.9)</i>	–	–
*China, Ya'an City	<i>0.4</i>	<i>(3.7)</i>	11.1	(93.8)	<i>0.2</i>	<i>(2.0)</i>	<i>0.1</i>	<i>(0.5)</i>
*China, Yakeshi City	<i>0.1</i>	<i>(1.4)</i>	8.4	(97.3)	<i>0.0</i>	<i>(0.7)</i>	<i>0.1</i>	<i>(0.7)</i>
China, Yancheng City	<i>0.0</i>	<i>(0.2)</i>	7.3	(99.1)	<i>0.0</i>	<i>(0.4)</i>	<i>0.0</i>	<i>(0.2)</i>
*China, Yangquan City	<i>0.1</i>	<i>(1.9)</i>	6.8	(95.5)	<i>0.1</i>	<i>(1.9)</i>	<i>0.1</i>	<i>(0.6)</i>
*China, Yangzhong City	<i>0.5</i>	<i>(5.8)</i>	8.4	(89.9)	<i>0.2</i>	<i>(2.9)</i>	<i>0.1</i>	<i>(1.4)</i>
*China, Yanji City	<i>0.1</i>	<i>(1.3)</i>	6.0	(98.7)	–	–	–	–
*China, Yanshi City	<i>0.4</i>	<i>(7.2)</i>	4.8	(91.3)	<i>0.0</i>	<i>(0.7)</i>	<i>0.0</i>	<i>(0.7)</i>
China, Yanting County	–	–	5.3	(97.3)	<i>0.2</i>	<i>(2.7)</i>	–	–
*China, Yi'an District, Tongling City	–	–	7.9	(100.0)	–	–	–	–
*China, Yingdong District, Fuyang City	<i>0.2</i>	<i>(3.8)</i>	5.5	(96.2)	–	–	–	–

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0-2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Asia (contd)								
*China, Yinzhou District, Ningbo City	0.4	(4.8)	6.6	(90.4)	0.1	(1.2)	0.3	(3.6)
*China, Yiyuan County	1.5	(24.6)	3.5	(62.7)	0.1	(1.6)	0.6	(11.1)
China, Yong'an City	0.1	(2.0)	7.6	(97.1)	0.1	(1.0)	—	—
*China, Yongding District, Longyan City	—	—	7.4	(97.2)	0.1	(2.1)	0.0	(0.7)
China, Yongkang City	0.8	(8.6)	8.5	(82.9)	0.1	(1.6)	0.7	(7.0)
*China, Yucheng County	1.3	(31.3)	2.5	(62.7)	0.3	(6.0)	—	—
China, Yueyanglou District, Yueyang City	—	—	4.9	(94.7)	0.1	(1.8)	0.2	(3.5)
China, Yunmeng County	0.2	(2.1)	10.4	(96.8)	—	—	0.1	(1.1)
*China, Yunyang District, Shiyan City	0.1	(1.6)	4.7	(85.2)	0.3	(4.9)	0.4	(8.2)
China, Yuzhong District, Chongqing City	0.2	(2.3)	9.4	(95.7)	0.1	(1.6)	0.1	(0.4)
*China, Zanhuang County	0.2	(4.8)	4.5	(92.9)	—	—	0.1	(2.4)
*China, Zhangjiagang City	0.1	(0.9)	6.1	(96.6)	0.1	(1.9)	0.0	(0.6)
*China, Zhaoyuan City	0.0	(0.4)	8.5	(98.4)	0.1	(1.2)	—	—
*China, Zhengding County	0.2	(4.3)	4.1	(91.3)	—	—	0.2	(4.3)
*China, Zhongshan City	0.5	(8.1)	6.1	(89.4)	0.2	(2.5)	—	—
China, Zhongxiang City	—	—	6.6	(98.7)	0.1	(1.3)	—	—
*China, Zhuanghe City	0.3	(2.7)	7.9	(96.7)	0.0	(0.3)	0.0	(0.3)
*China, Zhuhai City	0.8	(11.2)	6.7	(87.4)	0.0	(0.4)	0.1	(1.1)
India, Ahmedabad, Urban	0.1	(4.0)	1.2	(81.5)	0.2	(10.4)	0.1	(4.0)
India, Aurangabad	0.2	(9.4)	1.4	(75.5)	0.2	(11.3)	0.1	(3.8)
India, Bangalore	0.4	(10.4)	2.8	(78.3)	0.3	(6.8)	0.2	(4.6)
India, Barshi, Paranda, and Bhum	0.1	(6.9)	1.6	(75.9)	0.2	(10.3)	0.1	(6.9)
*India, Bhopal	0.3	(18.0)	1.2	(62.0)	0.2	(10.0)	0.2	(10.0)
India, Chandigarh	0.2	(8.3)	1.0	(58.3)	0.3	(19.4)	0.2	(13.9)
*India, Chennai	0.5	(13.6)	2.6	(69.8)	0.4	(11.1)	0.2	(5.5)
India, Dibrugarh	0.2	(7.7)	1.8	(86.2)	0.2	(6.2)	—	—
*India, Dindigul, Ambilikkai	0.1	(9.1)	1.1	(79.5)	0.2	(11.4)	—	—
India, Kamrup Urban District	0.3	(6.1)	3.9	(82.6)	0.3	(6.1)	0.2	(5.2)
India, Kollam	0.8	(17.2)	3.5	(80.1)	0.1	(2.1)	0.0	(0.6)
*India, Manipur	0.2	(9.3)	1.9	(80.5)	0.1	(5.1)	0.1	(5.1)
India, Meghalaya	0.0	(4.9)	1.1	(87.8)	0.1	(4.9)	0.0	(2.4)
India, Mizoram	1.3	(26.2)	3.5	(67.9)	0.3	(6.0)	—	—
India, Mumbai	0.4	(15.8)	1.9	(73.8)	0.2	(7.8)	0.1	(2.5)
*India, New Delhi	0.3	(12.0)	1.7	(74.0)	0.2	(8.8)	0.1	(5.2)
India, Poona	0.4	(15.0)	2.0	(77.1)	0.2	(6.2)	0.0	(1.6)
*India, Sangrur District	—	—	0.4	(78.6)	0.1	(14.3)	0.0	(7.1)
India, SAS Nagar	0.2	(12.5)	0.8	(59.4)	0.2	(12.5)	0.2	(15.6)
*India, Tamil Nadu	0.2	(10.1)	1.5	(74.9)	0.2	(12.0)	0.1	(3.0)
*India, Tripura	0.0	(3.9)	0.8	(79.2)	0.1	(10.4)	0.1	(6.5)
India, Trivandrum	0.6	(14.7)	3.3	(80.6)	0.1	(3.7)	0.0	(1.0)
India, Wardha	0.1	(6.4)	1.0	(80.9)	0.1	(10.6)	0.0	(2.1)
India, West Arunachal	0.2	(13.3)	1.4	(80.0)	0.1	(6.7)	—	—
*Iran (Islamic Republic of), Ardabil Province	0.7	(18.9)	3.1	(77.0)	0.1	(4.1)	—	—
*Iran (Islamic Republic of), Golestan Province	1.3	(26.5)	3.1	(69.2)	0.2	(3.4)	0.0	(0.9)
Israel	2.1	(29.0)	4.4	(63.8)	0.5	(6.4)	0.1	(0.8)
*Israel: Jews	2.1	(28.6)	4.4	(63.9)	0.5	(6.6)	0.1	(0.9)
*Israel: Arabs	1.7	(31.5)	3.5	(65.7)	0.1	(2.8)	—	—
Japan	2.7	(24.8)	7.3	(72.4)	0.2	(2.7)	0.0	(0.1)
Japan, Aichi Prefecture	2.6	(24.9)	7.5	(72.4)	0.2	(2.3)	0.0	(0.4)
*Japan, Akita Prefecture	3.2	(27.1)	8.7	(70.7)	0.2	(2.0)	0.0	(0.2)
Japan, Aomori Prefecture	3.6	(26.8)	8.4	(71.1)	0.3	(2.1)	—	—
Japan, Gunma Prefecture	2.3	(22.2)	8.0	(75.6)	0.2	(1.8)	0.0	(0.4)
Japan, Hiroshima Prefecture	3.2	(26.2)	8.3	(71.6)	0.2	(2.2)	0.0	(0.1)
Japan, Miyagi Prefecture	3.1	(27.1)	8.0	(70.6)	0.2	(2.2)	0.0	(0.1)
Japan, Osaka Prefecture	2.9	(25.8)	7.8	(70.8)	0.3	(3.4)	0.0	(0.1)
Kuwait	1.3	(30.0)	2.7	(64.0)	0.3	(5.4)	0.0	(0.5)
*Kuwait: Kuwaitis	1.4	(28.2)	3.3	(65.8)	0.3	(5.1)	0.0	(0.9)
*Kuwait: Non-Kuwaitis	1.4	(32.6)	2.2	(61.6)	0.1	(5.8)	—	—
*Philippines, Manila	1.6	(27.4)	4.0	(69.6)	0.1	(2.0)	0.1	(1.0)
*Qatar: Qatari	1.8	(28.6)	4.9	(71.4)	—	—	—	—
Republic of Korea	2.0	(21.5)	7.1	(74.8)	0.3	(3.2)	0.0	(0.5)
*Republic of Korea, Busan	2.4	(25.0)	6.8	(70.9)	0.3	(3.5)	0.1	(0.6)
*Republic of Korea, Daegu	1.9	(19.3)	7.9	(77.3)	0.3	(2.9)	0.1	(0.5)
*Republic of Korea, Daejeon	2.3	(24.5)	7.0	(72.8)	0.2	(1.8)	0.1	(0.8)
*Republic of Korea, Gwangju	1.6	(19.7)	6.7	(77.2)	0.3	(3.0)	0.0	(0.2)
Republic of Korea, Incheon	1.9	(20.6)	6.9	(75.4)	0.3	(3.6)	0.0	(0.3)
Republic of Korea, Jeju	1.8	(21.2)	5.9	(73.6)	0.4	(5.2)	—	—
Republic of Korea, Seoul	2.0	(21.8)	6.9	(73.5)	0.4	(4.0)	0.1	(0.6)
Republic of Korea, Ulsan	1.9	(17.9)	7.8	(77.0)	0.4	(4.4)	0.1	(0.7)
Singapore	2.9	(31.9)	6.0	(63.6)	0.3	(2.6)	0.2	(1.9)
Singapore: Chinese	2.9	(32.4)	6.0	(63.1)	0.3	(2.6)	0.2	(1.9)
Singapore: Indian	1.9	(30.1)	4.7	(68.5)	—	—	0.1	(1.4)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases

Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0-2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Asia (contd)								
Singapore: Malay	3.0	(31.6)	6.0	(62.0)	0.3	(3.5)	0.3	(2.9)
Thailand, Bangkok	1.0	(20.5)	3.5	(73.5)	0.3	(5.4)	0.0	(0.5)
*Thailand, Chiang Mai	0.8	(15.2)	4.4	(79.1)	0.3	(5.6)	—	—
*Thailand, Khon Kaen	0.8	(17.4)	4.0	(80.6)	0.1	(2.0)	—	—
Thailand, Lampang	0.7	(15.1)	4.2	(78.9)	0.3	(5.9)	—	—
Thailand, Lopburi Province	0.9	(11.8)	6.4	(83.7)	0.3	(4.4)	—	—
*Thailand, Songkhla	0.9	(17.2)	4.0	(77.3)	0.2	(3.1)	0.1	(2.3)
Turkey, Antalya	1.1	(21.5)	3.8	(72.0)	0.2	(4.2)	0.1	(2.3)
Turkey, Bursa	1.1	(19.1)	4.3	(78.0)	0.2	(2.7)	0.0	(0.2)
*Turkey, Edirne	0.7	(13.1)	5.4	(86.0)	0.0	(0.9)	—	—
*Turkey, Erzurum	0.6	(16.0)	2.8	(74.1)	0.2	(6.2)	0.1	(3.7)
Turkey, Eskişehir	1.3	(24.1)	4.1	(70.7)	0.1	(1.7)	0.2	(3.4)
Turkey, Gaziantep	0.7	(21.3)	2.4	(72.1)	0.2	(5.9)	0.0	(0.7)
*Turkey, Izmir	1.4	(24.4)	4.3	(72.3)	0.2	(3.1)	0.0	(0.1)
Turkey, Malatya	0.6	(16.9)	2.9	(77.5)	0.2	(4.5)	0.0	(1.1)
Turkey, Samsun	1.0	(15.7)	5.1	(80.0)	0.3	(3.9)	0.0	(0.3)
Turkey, Trabzon	1.0	(17.7)	4.1	(79.9)	0.1	(1.2)	0.1	(1.2)
Europe								
Austria	1.0	(14.0)	4.7	(69.8)	1.1	(14.6)	0.1	(1.6)
Austria, Carinthia	1.2	(15.7)	4.0	(62.4)	1.4	(16.9)	0.4	(5.0)
Austria, Tyrol	1.1	(15.4)	4.9	(66.4)	1.3	(16.8)	0.1	(1.4)
Austria, Vorarlberg	0.9	(11.1)	5.8	(76.5)	0.6	(9.8)	0.2	(2.6)
Belarus	3.0	(31.0)	6.1	(63.4)	0.5	(4.9)	0.1	(0.7)
*Belgium	0.5	(6.4)	7.4	(82.8)	1.0	(9.4)	0.1	(1.3)
Croatia	2.3	(21.1)	8.0	(75.3)	0.3	(2.4)	0.1	(1.3)
Cyprus	1.1	(24.2)	3.2	(65.5)	0.5	(9.3)	0.1	(1.0)
*Czech Republic	2.7	(27.8)	6.4	(62.7)	0.9	(8.8)	0.1	(0.7)
Denmark	—	—	10.1	(86.1)	1.9	(13.5)	0.1	(0.4)
Estonia	2.6	(28.5)	6.0	(65.0)	0.6	(5.8)	0.1	(0.7)
Finland	0.8	(11.8)	6.2	(82.0)	0.5	(6.1)	0.0	(0.2)
*France, Bas-Rhin	2.3	(28.6)	4.9	(60.8)	0.8	(9.3)	0.1	(1.3)
*France, Calvados	1.1	(13.4)	6.0	(64.8)	1.9	(19.0)	0.2	(2.8)
*France, Doubs	2.2	(26.2)	4.7	(51.2)	2.2	(22.7)	—	—
*France, Gironde	1.8	(20.1)	5.1	(54.3)	2.5	(22.6)	0.3	(2.9)
*France, Haut-Rhin	2.2	(27.2)	4.9	(55.2)	1.7	(16.5)	0.1	(1.0)
*France, Hérault	2.6	(25.2)	4.7	(46.8)	3.4	(27.8)	0.0	(0.1)
*France, Isère	2.6	(26.1)	5.3	(55.2)	1.9	(17.9)	0.1	(0.8)
*France, Lille-Métropole	2.1	(22.6)	6.2	(65.2)	1.2	(11.1)	0.2	(1.1)
*France, Limousin	2.1	(28.4)	4.8	(55.5)	1.8	(14.4)	0.1	(1.7)
*France, Loire-Atlantique	1.8	(19.3)	6.1	(61.2)	2.1	(18.8)	0.1	(0.7)
*France, Manche	1.7	(23.3)	5.1	(61.7)	1.9	(14.3)	0.1	(0.7)
*France, Poitou-Charentes	2.4	(26.2)	5.1	(56.4)	1.9	(17.1)	0.0	(0.3)
*France, Somme	2.2	(24.2)	5.7	(61.6)	1.1	(11.1)	0.3	(3.0)
*France, Tarn	3.0	(29.3)	5.3	(53.6)	1.9	(15.2)	0.3	(1.8)
*France, Territoire de Belfort	1.0	(9.2)	7.1	(67.7)	2.9	(23.1)	—	—
*France, Vendée	1.3	(15.3)	5.7	(65.5)	1.7	(17.9)	0.1	(1.3)
Germany, Baden-Württemberg	0.5	(5.7)	6.4	(80.0)	1.1	(11.4)	0.3	(2.9)
Germany, Bavaria	0.5	(6.1)	6.3	(79.5)	1.3	(13.1)	0.1	(1.3)
Germany, Bremen	0.7	(8.1)	6.0	(72.1)	2.1	(18.3)	0.2	(1.5)
Germany, Hamburg	0.7	(6.8)	7.0	(71.0)	1.7	(14.8)	0.9	(7.5)
Germany, Lower Saxony	0.7	(8.7)	6.9	(77.7)	1.4	(12.6)	0.1	(1.0)
Germany, North Rhine-Westphalia	0.5	(6.3)	7.3	(80.3)	1.4	(12.4)	0.1	(1.0)
Germany, Rhineland-Palatinate	0.9	(10.7)	6.7	(75.1)	1.5	(12.8)	0.1	(1.3)
Germany, Saarland	1.1	(10.6)	7.5	(76.1)	1.5	(11.9)	0.1	(1.4)
Germany, Schleswig-Holstein	0.6	(7.5)	7.3	(74.7)	1.8	(15.0)	0.3	(2.8)
Iceland	0.1	(0.9)	6.3	(85.5)	1.2	(13.6)	—	—
Ireland	1.7	(20.7)	5.9	(69.0)	0.8	(8.5)	0.2	(1.7)
*Italy, Aosta Valley	1.0	(20.0)	3.3	(48.0)	3.0	(32.0)	—	—
*Italy, Avellino	2.5	(31.5)	4.7	(60.6)	0.4	(5.5)	0.3	(2.4)
Italy, Basilicata	1.9	(26.6)	5.2	(69.7)	0.2	(2.3)	0.1	(1.3)
*Italy, Benevento	1.2	(14.7)	7.7	(78.7)	0.3	(4.4)	0.1	(2.2)
Italy, Bergamo	2.1	(31.4)	3.5	(54.1)	0.8	(10.9)	0.2	(3.6)
*Italy, Brescia	1.6	(29.1)	3.3	(58.9)	0.6	(9.8)	0.1	(2.3)
Italy, Brianza (Lecco and Monza e Brianza)	1.9	(31.8)	3.5	(61.3)	0.3	(5.6)	0.1	(1.3)
Italy, Calabria	3.7	(43.9)	4.2	(52.6)	0.2	(2.1)	0.1	(1.4)
*Italy, Caserta	2.8	(35.8)	5.3	(59.4)	0.4	(3.3)	0.1	(1.5)
*Italy, Catania, Messina, and Enna	2.0	(32.2)	3.9	(59.2)	0.6	(7.9)	0.0	(0.7)
Italy, Emilia-Romagna	1.5	(23.9)	3.9	(56.8)	1.3	(16.1)	0.2	(3.2)
Italy, Friuli-Venezia Giulia	1.2	(22.4)	3.4	(60.1)	1.0	(16.0)	0.0	(1.6)
Italy, Genova	2.0	(23.6)	5.7	(60.9)	1.1	(11.4)	0.4	(4.2)
*Italy, Lombardy, South, Pavia	2.2	(25.8)	4.6	(59.8)	1.3	(13.4)	0.1	(1.0)
Italy, Mantova and Cremona	1.3	(19.6)	4.7	(70.4)	0.7	(9.3)	0.0	(0.7)

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases
Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0-2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Europe (contd)								
Italy, Marche	1.2	(17.7)	5.6	(74.5)	0.7	(6.7)	0.1	(1.2)
Italy, Milan	1.3	(21.7)	4.2	(62.8)	1.0	(13.6)	0.1	(2.0)
Italy, Molise	2.2	(37.0)	3.1	(50.6)	0.8	(11.1)	0.0	(1.2)
*Italy, Naples Centre	1.8	(28.2)	4.3	(63.7)	0.5	(6.9)	0.1	(1.2)
*Italy, Naples North	2.3	(35.7)	3.6	(56.4)	0.3	(5.4)	0.1	(2.5)
*Italy, Naples South	2.5	(33.1)	4.6	(60.7)	0.3	(3.4)	0.2	(2.7)
*Italy, Nuoro	1.9	(25.0)	6.1	(69.1)	0.1	(2.9)	0.2	(2.9)
*Italy, Palermo	1.5	(21.1)	5.4	(73.8)	0.3	(4.2)	0.1	(0.9)
Italy, Puglia	2.3	(30.7)	4.9	(62.4)	0.5	(5.2)	0.1	(1.7)
*Italy, Ragusa and Caltanissetta	1.4	(21.0)	5.3	(73.5)	0.4	(5.1)	0.0	(0.4)
*Italy, Salerno	1.3	(22.8)	4.5	(73.3)	0.2	(3.0)	0.1	(0.9)
Italy, Sassari	2.3	(31.8)	5.2	(64.5)	0.1	(1.9)	0.1	(1.9)
*Italy, Sondrio	1.7	(26.9)	4.1	(55.8)	1.1	(14.4)	0.3	(2.9)
Italy, South Tyrol	1.3	(17.7)	5.2	(67.5)	1.3	(14.7)	—	—
*Italy, Syracuse	1.6	(26.6)	4.5	(67.8)	0.3	(4.9)	0.1	(0.7)
Italy, Trento	1.4	(26.2)	3.7	(57.5)	1.2	(14.6)	0.1	(1.7)
Italy, Turin	1.2	(21.4)	3.5	(64.2)	0.7	(11.8)	0.1	(2.6)
*Italy, Tuscany	1.4	(17.5)	5.4	(68.1)	1.2	(12.8)	0.1	(1.6)
Italy, Umbria	1.6	(24.7)	4.2	(62.8)	1.1	(12.5)	—	—
Italy, Varese	1.0	(20.8)	3.8	(71.4)	0.3	(5.7)	0.1	(2.1)
Italy, Veneto	0.6	(11.3)	4.5	(77.9)	0.6	(9.7)	0.0	(1.2)
Latvia	2.3	(26.0)	5.5	(66.6)	0.7	(6.1)	0.1	(1.2)
*Liechtenstein	—	—	7.5	(100.0)	—	—	—	—
*Lithuania	1.5	(16.8)	6.0	(77.6)	0.4	(4.1)	0.1	(1.5)
Malta	1.3	(19.8)	5.0	(73.7)	0.4	(4.8)	0.2	(1.8)
*The Netherlands	0.6	(6.2)	9.2	(87.1)	0.7	(6.0)	0.1	(0.6)
Norway	1.5	(12.9)	9.4	(76.6)	1.3	(9.9)	0.1	(0.6)
Poland, Kielce	1.3	(17.8)	5.5	(77.3)	0.4	(4.7)	0.0	(0.2)
*Portugal, Azores	2.0	(25.4)	4.8	(71.6)	0.1	(1.5)	0.1	(1.5)
Russian Federation, Arkhangelsk	2.4	(22.1)	8.6	(74.7)	0.4	(3.2)	—	—
Russian Federation, Kaliningrad	2.1	(19.9)	7.3	(70.2)	1.1	(9.5)	0.0	(0.4)
Russian Federation, Karelia	2.1	(22.8)	7.3	(73.4)	0.3	(2.7)	0.1	(1.1)
*Russian Federation, Komi Republic	3.0	(25.5)	7.7	(66.1)	1.0	(7.4)	0.1	(1.0)
Russian Federation, Murmansk	3.9	(30.6)	8.0	(62.5)	0.8	(5.4)	0.2	(1.4)
*Russian Federation, Orenburg	2.5	(25.1)	7.4	(70.0)	0.5	(4.7)	0.0	(0.2)
Russian Federation, Pskov	2.2	(21.7)	7.6	(72.5)	0.6	(5.4)	0.1	(0.4)
*Russian Federation, Samara	1.2	(13.0)	8.6	(81.8)	0.6	(4.8)	0.0	(0.4)
Russian Federation, Vologda Region	1.8	(19.5)	7.4	(78.7)	0.1	(1.4)	0.0	(0.3)
Slovenia	1.9	(24.4)	6.0	(70.7)	0.5	(4.3)	0.0	(0.6)
Spain, Asturias	2.2	(26.2)	6.1	(69.5)	0.5	(3.8)	0.1	(0.5)
Spain, Basque Country	2.4	(26.8)	6.1	(68.3)	0.4	(4.5)	0.0	(0.5)
Spain, Canary Islands	2.8	(34.3)	4.1	(55.0)	0.5	(6.3)	0.3	(4.4)
Spain, Castellón	1.5	(15.0)	6.8	(76.1)	0.4	(4.7)	0.5	(4.3)
Spain, Girona	1.0	(12.4)	6.3	(76.8)	0.9	(10.2)	0.0	(0.6)
Spain, Granada	2.5	(30.9)	5.0	(62.9)	0.5	(5.9)	0.0	(0.3)
Spain, La Rioja	1.2	(23.6)	4.7	(72.9)	0.3	(2.9)	0.0	(0.7)
Spain, Murcia	1.9	(26.2)	4.8	(68.0)	0.4	(4.7)	0.1	(1.2)
Spain, Navarra	0.6	(8.5)	7.1	(87.4)	0.3	(3.6)	0.0	(0.4)
Spain, Salamanca	2.4	(23.4)	6.8	(73.0)	0.3	(3.6)	—	—
Spain, Tarragona	1.6	(21.1)	6.6	(73.7)	0.5	(5.3)	—	—
*Sweden	0.0	(0.2)	7.4	(85.3)	1.4	(14.1)	0.0	(0.4)
Switzerland, Aargau	1.0	(13.3)	4.8	(67.7)	1.1	(13.7)	0.4	(5.2)
Switzerland, Basel	1.0	(16.3)	5.3	(63.1)	1.4	(17.6)	0.3	(3.0)
Switzerland, Berne Solothurn	1.6	(18.4)	5.3	(62.9)	1.6	(17.9)	0.1	(0.8)
Switzerland, East	1.7	(19.3)	6.2	(67.2)	1.3	(13.0)	0.0	(0.5)
*Switzerland, Fribourg	1.3	(15.2)	5.3	(69.6)	1.3	(14.3)	0.1	(0.9)
Switzerland, Geneva	1.6	(16.9)	4.9	(52.9)	2.6	(25.8)	0.4	(4.4)
*Switzerland, Graubünden and Glarus	1.3	(16.1)	4.4	(53.6)	2.1	(25.0)	0.5	(5.4)
*Switzerland, Lucerne	1.5	(25.0)	4.2	(60.6)	0.7	(10.0)	0.3	(4.4)
*Switzerland, Neuchâtel and Jura	1.5	(15.4)	5.9	(59.6)	2.2	(20.6)	0.5	(4.4)
Switzerland, Ticino	—	—	7.2	(80.8)	1.7	(19.2)	—	—
Switzerland, Valais	1.1	(13.4)	5.2	(68.7)	1.4	(17.2)	0.1	(0.7)
Switzerland, Vaud	1.6	(19.2)	4.5	(54.7)	1.7	(19.2)	0.6	(6.9)
Switzerland, Zurich and Zug	1.2	(15.7)	4.9	(61.4)	1.9	(22.0)	0.1	(0.9)
Ukraine	2.0	(22.0)	6.6	(73.5)	0.4	(3.8)	0.1	(0.7)
UK, England	1.3	(15.8)	5.8	(68.6)	1.5	(14.8)	0.1	(0.8)
UK, Northern Ireland	1.2	(15.4)	6.1	(72.3)	1.0	(10.3)	0.2	(2.1)
UK, Scotland	1.0	(13.4)	6.1	(70.0)	1.5	(14.4)	0.2	(2.3)
UK, Wales	1.3	(15.8)	6.6	(69.7)	1.5	(13.7)	0.1	(0.9)
Oceania								
*Australia, NSW/ACT	2.0	(21.4)	6.7	(65.5)	1.0	(9.2)	0.4	(3.9)
*Australia, Northern Territory	2.2	(20.6)	7.2	(69.1)	1.1	(10.3)	—	—

Rates based on less than 10 cases are in italics

*Important. See note on population page.

Age-standardized (world) incidence rates (per 100 000)
Percentage distribution of the number of cases

Rectum and anus (C19-21) - Female (Contd)

	C19		C20		C21.0–2		C21.8	
	Rectosigmoid junction		Rectum		Anus		Anorectum	
	ASR	(%)	ASR	(%)	ASR	(%)	ASR	(%)
Oceania (contd)								
*Australia, Northern Territory: Non-Indigenous	2.4	(20.3)	8.4	(71.2)	<i>1.0</i>	<i>(8.5)</i>	–	–
*Australia, Northern Territory: Indigenous	<i>1.0</i>	<i>(14.3)</i>	<i>2.3</i>	<i>(57.1)</i>	<i>1.0</i>	<i>(28.6)</i>	–	–
*Australia, Queensland	2.0	(20.3)	6.9	(64.5)	1.1	(9.9)	0.6	(5.3)
Australia, South Australia	2.7	(27.8)	6.1	(60.6)	0.9	(7.4)	0.4	(4.2)
Australia, Tasmania	2.5	(21.7)	7.6	(66.6)	1.1	(8.0)	0.6	(3.8)
*Australia, Victoria	1.7	(17.7)	7.2	(71.1)	0.7	(7.0)	0.4	(4.2)
*Australia, Western Australia	1.5	(16.9)	6.4	(70.4)	1.0	(10.8)	0.2	(2.0)
*France, New Caledonia	1.6	(19.1)	5.0	(60.3)	1.6	(20.6)	–	–
New Zealand	2.1	(20.9)	7.1	(69.3)	0.8	(7.4)	0.3	(2.4)
*New Zealand: Maori	2.2	(21.3)	6.5	(66.9)	0.9	(9.6)	0.2	(2.2)
*New Zealand: Pacific peoples	1.9	(24.1)	5.5	(69.0)	<i>0.5</i>	<i>(5.2)</i>	<i>0.2</i>	<i>(1.7)</i>
*New Zealand: Other	2.2	(20.9)	7.4	(69.0)	0.9	(7.7)	0.3	(2.5)
USA, Hawaii	2.1	(22.7)	6.2	(65.6)	0.9	(9.6)	0.2	(2.1)
USA, Hawaii: White	2.1	(21.3)	5.4	(50.3)	2.4	(24.3)	<i>0.4</i>	<i>(4.1)</i>
*USA, Hawaii: Japanese	2.7	(27.3)	5.6	(65.3)	<i>0.4</i>	<i>(5.8)</i>	<i>0.1</i>	<i>(1.7)</i>
*USA, Hawaii: Chinese	<i>1.4</i>	<i>(17.6)</i>	6.0	(73.5)	<i>0.1</i>	<i>(5.9)</i>	<i>0.1</i>	<i>(2.9)</i>
*USA, Hawaii: Hawaiian	1.7	(23.2)	5.7	(75.4)	<i>0.1</i>	<i>(1.4)</i>	–	–
*USA, Hawaii: Filipino	1.7	(17.4)	7.4	(79.8)	<i>0.3</i>	<i>(1.8)</i>	<i>0.1</i>	<i>(0.9)</i>

Rates based on less than 10 cases are in italics

*Important. See note on population page.