

Table SI. Characteristics of melanoma decedents in the Western Sweden healthcare region (1990 to 2004). This analysis only includes patients with a single invasive melanoma. Decedents are defined as those who died from melanoma within a 10-year period from their invasive melanoma diagnosis

	Year of diagnosis of the first invasive melanoma			
	1990 to 1994 <i>n</i> (%)	1995 to 1999 <i>n</i> (%)	2000 to 2004 <i>n</i> (%)	Total 1990 to 2004 <i>n</i> (%)
Sex				
Male	143 (60.1)	149 (64.8)	171 (63.3)	463 (62.7)
Female	95 (39.9)	81 (35.2)	99 (36.7)	275 (37.3)
Age group				
< 30 years	10 (4.2)	8 (3.5)	5 (1.9)	23 (3.1)
30–49 years	43 (18.1)	44 (19.1)	36 (13.3)	123 (16.7)
50–59 years	37 (15.5)	28 (12.2)	52 (19.3)	117 (15.9)
60–69 years	42 (17.6)	47 (20.4)	47 (17.4)	136 (18.4)
> 69 years	106 (44.5)	103 (44.8)	130 (48.1)	339 (45.9)
Breslow thickness				
0–1 mm	34 (14.3)	28 (12.2)	30 (11.1)	92 (12.5)
0–0.25 mm	0 (0.0)	1 (0.4)	1 (0.4)	2 (0.3)
0.26–0.5 mm	6 (2.5)	1 (0.4)	7 (2.6)	14 (1.9)
0.51–0.75 mm	6 (2.5)	12 (5.2)	6 (2.2)	24 (3.3)
0.76–1 mm	22 (9.2)	14 (6.1)	16 (5.9)	52 (7.0)
1.01–2 mm	47 (19.7)	56 (24.3)	55 (20.4)	158 (21.4)
2.01–4 mm	79 (33.2)	64 (27.8)	84 (31.1)	227 (30.8)
> 4 mm	65 (27.3)	75 (32.6)	89 (33.0)	229 (31.0)
Unknown	13 (5.5)	7 (3.0)	12 (4.4)	32 (4.3)
Ulceration				
No	111 (46.6)	88 (38.3)	114 (42.2)	313 (42.4)
Yes	102 (42.9)	128 (55.7)	135 (50.0)	365 (49.5)
Unknown	25 (10.5)	14 (6.1)	21 (7.8)	60 (8.1)
Anatomical location				
Head or neck	32 (13.4)	22 (9.6)	42 (15.6)	96 (13.0)
Upper extremity	23 (9.7)	19 (8.3)	31 (11.5)	73 (9.9)
Lower extremity	48 (20.2)	51 (22.2)	47 (17.4)	146 (19.8)
Trunk	120 (50.4)	124 (53.9)	138 (51.1)	382 (51.8)
Hand or foot	14 (5.9)	14 (6.1)	12 (4.4)	40 (5.4)
Unknown	1 (0.4)	0 (0.0)	0 (0.0)	1 (0.1)
Histo-pathological subtype				
Superficial spreading melanoma	57 (23.9)	71 (30.9)	94 (34.8)	222 (30.1)
Lentigo maligna melanoma	6 (2.5)	7 (3.0)	7 (2.6)	20 (2.7)
Nodular melanoma	128 (53.8)	114 (49.6)	138 (51.1)	380 (51.5)
Acrolentiginous melanoma	9 (3.8)	12 (5.2)	7 (2.6)	28 (3.8)
Other	28 (11.8)	19 (8.3)	18 (6.7)	65 (8.8)
Unknown	10 (4.2)	7 (3.0)	6 (2.2)	23 (3.1)

Table SII. Characteristics of melanoma decedents in the Western Sweden healthcare region (1990 to 2004). This analysis is performed on the first invasive melanoma and includes patients with multiple invasive melanomas. Decedents are defined as those who died from melanoma within a 10-year period from their invasive melanoma diagnosis

	Year of diagnosis of the first invasive melanoma including patients with multiple invasive melanomas			
	1990 to 1994 n (%)	1995 to 1999 n (%)	2000 to 2004 n (%)	Total 1990 to 2004 n (%)
Sex				
Male	149 (60.6)	154 (64.7)	177 (62.8)	480 (62.7)
Female	97 (39.4)	84 (35.3)	105 (37.2)	286 (37.3)
Age group				
< 30 years	10 (4.1)	9 (3.8)	6 (2.1)	25 (3.3)
30–49 years	44 (17.9)	46 (19.3)	36 (12.8)	126 (16.4)
50–59 years	39 (15.9)	28 (11.8)	54 (19.1)	121 (15.8)
60–69 years	45 (18.3)	49 (20.6)	51 (18.1)	145 (18.9)
> 69 years	108 (43.9)	106 (44.5)	135 (47.9)	349 (45.6)
Breslow thickness				
0–1 mm	36 (14.6)	30 (12.6)	36 (12.8)	102 (13.3)
0–0.25 mm	0 (0.0)	1 (0.4)	1 (0.4)	2 (0.3)
0.26–0.5 mm	8 (3.3)	2 (0.8)	8 (2.8)	18 (2.3)
0.51–0.75 mm	6 (2.4)	12 (5.0)	7 (2.5)	25 (3.3)
0.76–1 mm	22 (8.9)	15 (6.3)	20 (7.1)	57 (7.4)
1.01–2 mm	48 (19.5)	59 (24.8)	56 (19.9)	163 (21.3)
2.01–4 mm	81 (32.9)	65 (27.3)	87 (30.9)	233 (30.4)
> 4 mm	68 (27.6)	77 (32.4)	91 (32.3)	236 (30.8)
Unknown	13 (5.3)	7 (2.9)	12 (4.3)	32 (4.2)
Ulceration				
No	114 (46.3)	92 (38.7)	121 (42.9)	327 (42.7)
Yes	105 (42.7)	132 (55.5)	140 (49.6)	377 (49.2)
Unknown	27 (11.0)	14 (5.9)	21 (7.4)	62 (8.1)
Anatomical location				
Head or neck	33 (13.4)	23 (9.7)	42 (14.9)	98 (12.8)
Upper extremity	23 (9.3)	20 (8.4)	33 (11.7)	76 (9.9)
Lower extremity	48 (19.5)	51 (21.4)	50 (17.7)	149 (19.5)
Trunk	127 (51.6)	130 (54.6)	145 (51.4)	402 (52.5)
Hand or foot	14 (5.7)	14 (5.9)	12 (4.3)	40 (5.2)
Unknown	1 (0.4)	0 (0.0)	0 (0.0)	1 (0.1)
Histo-pathological subtype				
Superficial spreading melanoma	61 (24.8)	72 (30.3)	100 (35.5)	233 (30.4)
Lentigo maligna melanoma	6 (2.4)	8 (3.4)	7 (2.5)	21 (2.7)
Nodular melanoma	131 (53.3)	118 (49.6)	143 (50.7)	392 (51.2)
Acrolentiginous melanoma	9 (3.7)	12 (5.0)	7 (2.5)	28 (3.7)
Other	29 (11.8)	21 (8.8)	19 (6.7)	69 (9.0)
Unknown	10 (4.1)	7 (2.9)	6 (2.1)	23 (3.0)

Table SIII. Characteristics of melanoma decedents in the Western Sweden healthcare region (1990 to 2004). This analysis is performed on the thickest invasive melanoma and includes patients with multiple invasive melanomas. Decedents are defined as those who died from melanoma within a 10-year period from their invasive melanoma diagnosis

	Year of diagnosis of the first invasive melanoma including patients with multiple invasive melanomas			
	1990 to 1994 n (%)	1995 to 1999 n (%)	2000 to 2004 n (%)	Total 1990 to 2004 n (%)
Sex				
Male	148 (60.4)	155 (65.1)	178 (62.9)	481 (62.8)
Female	97 (39.6)	83 (34.9)	105 (37.1)	285 (37.2)
Age group				
< 30 years	10 (4.1)	9 (3.8)	6 (2.1)	25 (3.3)
30–49 years	44 (18.0)	46 (19.3)	36 (12.7)	126 (16.4)
50–59 years	39 (15.9)	28 (11.8)	54 (19.1)	121 (15.8)
60–69 years	44 (18.0)	49 (20.6)	50 (17.7)	143 (18.7)
> 69 years	108 (44.1)	106 (44.5)	137 (48.4)	351 (45.8)
Breslow thickness				
0–1 mm	35 (14.3)	30 (12.6)	34 (12.0)	99 (12.9)
0–0.25 mm	0 (0.0)	1 (0.4)	1 (0.4)	2 (0.3)
0.26–0.5 mm	7 (2.9)	2 (0.8)	7 (2.5)	16 (2.1)
0.51–0.75 mm	6 (2.4)	12 (5.0)	6 (2.1)	24 (3.1)
0.76–1 mm	22 (9.0)	15 (6.3)	20 (7.1)	57 (7.4)
1.01–2 mm	48 (19.6)	58 (24.4)	56 (19.8)	162 (21.1)
2.01–4 mm	82 (33.5)	65 (27.3)	88 (31.1)	235 (30.7)
> 4 mm	67 (27.3)	78 (32.8)	93 (32.9)	238 (31.1)
Unknown	13 (5.3)	7 (2.9)	12 (4.2)	32 (4.2)
Ulceration				
No	114 (46.5)	93 (39.1)	118 (41.7)	325 (42.4)
Yes	105 (42.9)	131 (55.0)	143 (50.5)	379 (49.5)
Unknown	26 (10.6)	14 (5.9)	22 (7.8)	62 (8.1)
Anatomical location				
Head or neck	34 (13.9)	23 (9.7)	43 (15.2)	100 (13.1)
Upper extremity	23 (9.4)	19 (8.0)	35 (12.4)	77 (10.1)
Lower extremity	48 (19.6)	51 (21.4)	49 (17.3)	148 (19.3)
Trunk	125 (51.0)	131 (55.0)	144 (50.9)	400 (52.2)
Hand or foot	14 (5.7)	14 (5.9)	12 (4.2)	40 (5.2)
Unknown	1 (0.4)	0 (0.0)	0 (0.0)	1 (0.1)
Histo-pathological subtype				
Superficial spreading melanoma	59 (24.1)	72 (30.3)	98 (34.6)	229 (29.9)
Lentigo maligna melanoma	6 (2.4)	8 (3.4)	7 (2.5)	21 (2.7)
Nodular melanoma	132 (53.9)	119 (50.0)	146 (51.6)	397 (51.8)
Acrolentiginous melanoma	9 (3.7)	12 (5.0)	7 (2.5)	28 (3.7)
Other	29 (11.8)	20 (8.4)	19 (6.7)	68 (8.9)
Unknown	10 (4.1)	7 (2.9)	6 (2.1)	23 (3.0)

Table SIV. Melanoma-specific 10-year Kaplan–Meier survival estimates and 95% confidence intervals in the Western Sweden healthcare region (1990 to 2004)

	Year of diagnosis of the first invasive melanoma			
	1990 to 1994	1995 to 1999	2000 to 2004	Total 1990 to 2004
Total	81.4 (79.3–83.6)	85.6 (83.8–87.3)	84.8 (83.2–86.5)	84.1 (83.1–85.2)
Sex				
Male	77.0 (73.7–80.4)	80.6 (77.8–83.4)	79.5 (76.7–82.3)	79.1 (77.5–80.9)
Female	85.5 (82.9–88.3)	90.1 (88.1–92.2)	89.5 (87.6–91.5)	88.7 (87.4–89.9)
Age groups				
< 30 years	89.3 (83.3–95.8)	93.0 (88.5–97.8)	94.0 (89.1–99.2)	92.1 (89.1–95.3)
30–49 years	88.0 (84.7–91.4)	89.9 (87.1–92.8)	91.8 (89.3–94.4)	90.0 (88.4–91.7)
50–59 years	82.3 (77.3–87.7)	90.7 (87.5–94.0)	87.1 (83.9–90.4)	87.2 (85.0–89.4)
60–69 years	82.3 (77.5–87.3)	84.9 (81.0–89.0)	85.3 (81.5–89.3)	84.4 (82.0–86.8)
> 69 years	72.0 (67.4–76.8)	75.6 (71.4–80.0)	75.4 (71.7–79.3)	74.5 (72.1–77.0)
Breslow thickness				
0–1 mm	94.9 (93.3–96.6)	96.9 (95.8–98.0)	96.9 (95.9–98.0)	96.4 (95.7–97.1)
0–0.25 mm	100.0 (87.7–100.0)	97.9 (94.0–100.0)	98.5 (95.5–100.0)	98.5 (96.5–100.0)
0.26–0.5 mm	97.7 (95.9–99.5)	99.8 (99.3–100.0)	98.4 (97.2–99.6)	98.7 (98.1–99.4)
0.51–0.75 mm	96.7 (94.1–99.3)	94.8 (92.0–97.7)	97.7 (95.8–99.5)	96.4 (95.0–97.8)
0.76–1 mm	89.2 (85.1–93.6)	93.7 (90.5–96.9)	93.4 (90.4–96.6)	92.3 (90.3–94.3)
1.01–2 mm	81.0 (76.2–86.1)	81.5 (77.2–86.0)	83.0 (79.0–87.2)	81.9 (79.4–84.5)
2.01–4 mm	57.0 (50.1–64.8)	67.0 (60.6–74.1)	64.5 (58.5–71.0)	63.0 (59.3–67.1)
> 4 mm	44.4 (36.0–54.9)	42.4 (34.1–52.6)	45.8 (38.3–54.7)	44.3 (39.5–49.7)
Unknown	70.6 (58.2–85.7)	60.9 (41.5–89.4)	58.1 (42.5–79.5)	64.8 (55.6–75.6)
Ulceration				
No	88.3 (86.3–90.4)	92.6 (91.1–94.1)	91.7 (90.2–93.1)	91.1 (90.1–92.0)
Yes	53.1 (46.6–60.4)	57.9 (52.4–63.9)	59.1 (53.8–64.8)	57.2 (53.8–60.7)
Unknown	75.5 (67.5–84.4)	82.0 (73.8–91.1)	68.5 (58.1–80.7)	75.8 (70.6–81.3)
Anatomical location				
Head or neck	77.0 (70.2–84.5)	85.8 (80.2–91.7)	78.0 (72.2–84.2)	80.0 (76.4–83.8)
Upper extremity*	85.6 (80.3–91.2)	90.0 (85.9–94.4)	88.4 (84.7–92.4)	88.2 (85.6–90.8)
Lower extremity*	84.5 (80.6–88.7)	86.2 (82.7–89.8)	88.3 (85.2–91.5)	86.5 (84.5–88.6)
Trunk	81.1 (78.1–84.2)	85.5 (83.1–87.9)	84.5 (82.1–86.9)	83.9 (82.5–85.4)
Hand or foot	57.5 (42.7–77.4)	47.4 (31.7–71.0)	55.4 (39.1–78.3)	53.9 (44.2–65.7)
Unknown**				
Histopathological subtype				
Superficial spreading melanoma	90.8 (88.5–93.1)	92.7 (91.1–94.3)	91.5 (89.8–93.1)	91.7 (90.7–92.8)
Lentigo maligna melanoma	93.9 (89.3–98.8)	93.0 (88.0–98.3)	93.6 (89.2–98.4)	93.6 (90.8–96.4)
Nodular melanoma	57.8 (52.4–63.7)	64.7 (59.6–70.3)	62.7 (57.9–67.9)	61.8 (58.8–65.0)
Acrolentiginous melanoma	70.3 (55.5–89.1)	55.8 (39.9–78.0)	73.4 (58.2–92.6)	66.7 (57.2–77.7)
Other	81.9 (76.1–88.2)	84.5 (78.3–91.2)	86.9 (81.5–92.8)	84.3 (80.9–87.9)
Unknown	84.9 (76.6–94.0)	68.7 (51.9–91.0)	64.7 (45.5–91.9)	78.2 (70.6–86.5)

*Excluding hand and foot melanomas. **Not enough cases for analysis.