











Number of sunbeds in Reykjavik in 1988

 In 1988 the number of sunbeds in Reykjavík and neighborhood was 1.52 per 1000 inhabitants, with a majority of these sunbeds in tanning saloons.

Number of sunbeds	% of beds	Population	Number of
	in tanning	1st Dec	sunbeds
	saloons	1988	per 1000
207	60.9%	136,431	1.52

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Comparing with Gothenburg 2001 1 of 2

• In Gothenburg 2001 the number of tanning sessions per person per year was estimated.

	% of beds	Beds	Estimated no of
	in tanning	per	sessions per
	saloons	1000	person per year
Reykjavik			
1988	61%	1.52	-
Gothenburg			
2001	33%	0.64	1.0

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Comparing with Gothenburg 2001 2 of 2

 In Gothenburg 2001, sunbeds in tanning saloons were found to deliver twice as many tanning sessions as sunbeds in places like gyms and swimming halls. Assuming that sunbeds in Reykjavik in 1988 were equally efficient, the estimated number of tanning sessions becomes 2.8 per person per year.

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Comparing with Iceland 2005 1 of 2

• In 2005 there were 277 sunbeds in all of Iceland.

	Reykjavik 1988	Gothenburg 2001	Iceland 2005
Sunbeds per 1000 inhab.	1.52	0.64	0.93
% in tanning saloons	61%	33%	63%
Average tanning session	23.3 min	22.0 min	17-20 min

Comparing with Iceland 2005 2 of 2

 In 2005, sunbeds were allowed more UVB and tanning sessions were shorter on average. This partly compensates for the large decrease in number of sunbeds. The estimated number of tanning sessions is thus reduced from 2.8 in Reykjavik 1988 to 2.0-2.4 per person per year in Iceland 2005.

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Comparing with user-surveys 2004-2007

 Yearly Gallup telephone user-surveys, each with 1350 randomly selected participants 16-75 year old, found each sunbed user visiting sunbeds on average 10.6 times per year. The percentage that used sunbeds was falling.

Year	2004	2005	2006	2007			
Used sunbed- 16-74 year	30%	26%	26%	23%			
Used sunbed – all ages	21%	18.5%	18.5%	16.5%			
Visits per year per person	2.2	2.0	2.0	1.8			
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- 6.8 days per person (overnight stays abroad)
- Half of these days (48.6%) were spent in only three countries; Spain, Denmark and the USA
- 1.6 days per person were spent in Spain in 1996

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- It cannot be ruled out that sunbathing in sunbeds has significantly contributed to the sharp increase in the melanoma rate in Iceland, starting in the 1980s. This is because ...
- a) ... sunbed usage was at least as widespread as in other Nordic countries, possibly much more widespread.
- b) ... UVR-doses received abroad seem not to have been of a magnitude greater than those received in sunbeds.

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