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Dear Mr. Matkovich:

In the spring of 2007, you participated in an interview evaluating enforcement activities for indoor tanning salons in Michigan. The interview was conducted by CITY100, a project funded by the National Cancer Institute that will help us better understand the factors that influence teens to use indoor tanning. Teen indoor tanning is a concern because using indoor tanning increases one's chances of developing melanoma—the most fatal type of skin cancer—especially when indoor tanning occurs before the age of 35. The project is based at the Graduate School of Public Health at San Diego State University and is focusing on over 100 cities in the U.S.

At this time, we would like to share the results of the interview with you, highlighting how cities in Michigan compared to other cities. Data for the other cities are based on the most populous city in all 28 states that have indoor tanning legislation. In addition, we provide an overview of Michigan's indoor tanning law, the number of tanning salons in some Michigan cities, and the compliance with FDA recommendations by salons in Michigan.

We also would like to share key findings (including specific data for Michigan cities) and recommendations from our other CITY 100 studies. Based on the synthesis of all of our data, we believe the key to reducing indoor tanning among teens will be to create and enforce laws that ban the use of indoor tanning by all those under age 18 years.

If you have any questions please refer to our website at [www.indoortanningreportcard.com](http://www.indoortanningreportcard.com) or contact Dr. Joni Mayer at [jmayer@mail.sdsu.edu](mailto:jmayer@mail.sdsu.edu) or 619-594-7916.

Thanks again for your participation,

Joni Mayer, Ph.D., Professor

Katherine Hoerster, M.S., Doctoral Student

## Michigan Enforcement Report

### Teen Indoor Tanning

- In January through December, 2005, CITY100 conducted a national telephone survey with approximately 60 teen-parent pairs from each of the 100 largest U.S. cities, including cities in Michigan. Nationally, more than 10% of teens said they had tanned during the past year. **Twenty-seven percent** of 17 year-old girls had tanned in the past year. Older teens and teen girls were significantly more likely to have used indoor tanning than younger teens and teen boys.



Percent of Teens who Indoor Tanned in the Past Year (6,125 teens)

- Teens with parents who used indoor tanning were significantly more likely to have tanned compared to teens whose parents had not used indoor tanning. If teens reported their parent allowed them to use indoor tanning, they were especially likely to have used it.

### Indoor Tanning Legislation Overview

- In 2006 we analyzed existing state laws related to indoor tanning, including whether the law limited access by youth. As you know, Michigan, along with 27 other states, had a law governing indoor tanning businesses, and the law included a youth access restriction.

**Youth access details** (option checked if included in Michigan's law):

Age limit

Parental consent for minors

Parent must accompany minor

- Tanning salons located in states with youth access laws were more likely to require the teen to obtain parental consent to tan. However, youth access law (presence vs. absence) did NOT relate to whether teens had actually used indoor tanning. This may be because many parents are providing their consent.

## Inspection and Licensure

- The following chart shows some Michigan cities' data on indoor tanning salon inspection. Annual inspections are the cornerstone of adequate enforcement practices. The chart also displays the number of full-time enforcement (FTE) staff and indoor tanning business licensure requirements. You may compare and contrast where these Michigan cities fall with respect to other cities below.

City	Had Annual Inspection	Had at least 1 FTE	Required Licensure
Detroit	No	No	No
Grand Rapids	No	No	No
National Data**	35.7%	71.4%	78.6%

\*\* National data are based on averages of the most populous city in all 28 states that have indoor tanning legislation.

## Availability of Tanning Facilities

- The number of tanning salons per U.S. city ranged from 3 to 183, with an average of **42** salons per city, often exceeding the numbers of Starbucks and of McDonald's! The table below shows the number of tanning salons in some Michigan cities.

City	Number of Tanning Salons	Number of Starbucks	Number of McDonald's
Detroit	49	4	33
Grand Rapids	41	5	22

- 76% of the teens (all 100 cities in CITY100 combined) lived within 2 miles of a tanning salon. Those living within 2 miles of a tanning salon were significantly more likely to have used indoor tanning than those not living within 2 miles of a salon.

## Number of Tanning Sessions Allowed

- The Food and Drug Administration (FDA) recommends the following: 1) goggles should be worn while indoor tanning; and 2) UV exposure schedules should be limited to no more than 3 days per week. We had a female research assistant posing as a 15 year-old teen telephone indoor tanning salon operators in some Michigan cities. The caller explained that she had fair skin, and that she had never used indoor tanning and asked how often she could tan within the first week: 71% of indoor tanning operators in all the U.S. cities we telephoned said the fair-skinned teen could tan every day the first week of tanning. The following chart shows how often operators in some Michigan cities allowed tanning everyday in the first week.

City	Allowed Tanning Everyday (%)
Detroit	38.7%
Grand Rapids	64.3%

### **Recommendations Based on CITY100 Findings**

- Pass laws that ban indoor tanning by those under age 18 years, as recommended by the World Health Organization. France and 3 Australian states already have passed such bans.
- In the absence of a ban, laws should require tanning salons to limit teens on the number of tanning sessions per week they are allowed to have, along with limiting the duration of these sessions.