Swiss-State Comparison: Sensitivity testing

1. Data fields selected based upon the University of Wisconsin's Population Health Institute's county health ranking methodology.
2. Proportion of State value relative to Swiss value calculated.
3. Proportions added and weighted according to Wisconsin methodology. Where data were not available, weighting was altered, adhering to the Wisconsin methodology as closely as possible.
4. Total weighted proportions reflected how comparable States were to Switzerland.

Data fields and weighting are all included in the MS Excel file "Swiss-State Sensitivity".

Sources:

Methodology:

Rohan AM, Booske BC, Remington PL. Using the Wisconsin County Health Rankings to catalyze community health improvement. J Public Health Manag Pract. 2009 Jan-Feb;15(1):24-32.

State Data:

Website: http://www.countyhealthrankings.org/
Full list of sources: http://www.countyhealthrankings.org/ranking-methods/data-sources-and-measures

Swiss Data:

- Premature death (YPLL rate or deaths before age 75): **Swiss Federal Office of Statistics, www.bfs.admin.ch/bfs/portal/de/index/themen/14/02/04/key/01.html, je-d-14-4.02.05.06.xls and je-d-14-2.02.05.07.xls**

-% of adults reporting fair/poor health: **Swiss Federal Office of Statistics, Selbst wahrgenommener Gesundheitszustand nach Geschlecht und Alter, 2007, je-d-14-5.02.02.01.01.xls**

- Average physically unhealthy days reported per month: no data available

- Average poor mental unhealthy days reported per month: no data available

- % low birth weight (< 2.5 kg): **Swiss Federal Office of Statistics, http://www.bfs.admin.ch/bfs/portal/de/index/themen/14/02/03/key/04.html**

- % Uninsured (% under 65 without health insurance): **Swiss Federal Office of Public Health: Statistik der obligatorischen Krankenversicherung 2009, BAG-**

Publikationsnummer: BAG KUV 7.11 270f 600d 60EXT1107, ISBN 978-3-905235-75-3

- Number of primary care physician: **Swiss Federal Office of Public Health: Bericht des Bundesrates: Strategie gegen Aerztemangel und zur Förderung der Hausarztmedizin, November 23, 2011.**

- Preventable hospital stays (ACSC rate: preventable hospitalizations, or the hospitalization rate for ambulatory-care sensitive conditions per 1,000 Medicare enrollees): no data available

- Diabetic screening (% of Medicare enrollees that receive HBA1c screening): no data available

- Hospice use (% of chronically ill Medicare enrollees in hospice care in last 6 months of life – 2.5): no data available

- % Swiss who have college degrees (% of the population age 25+ with college degree): **Swiss Federal Office of Statistics: Maturitäten und Uebertritte an Hochschulen 2009, report 783-0900, ISBN 978-3-303-15509-7, Neuchâtel 2010**

- % unemployed (average annual unemployment rate, age 16 or above): **Swiss Federal Office of Statistics, Arbeitslosigkeit in der Schweiz 2010, ISBN 978-3-303-03252-7, Neuchâtel, 2011**

- % of children in poverty: **Swiss Federal Office of Statistics. Familien in der Schweiz, Ststistischer Bericht 2008, ISBN 978-3-303-01241-3.**

- GINI coefficient for Switzerland: **OECD Health Statistics**

- % smoking (% of adults who reported smoking at least 100 cigarettes per week, and currently smoke): **www.tabakmonitoring.ch**

- % obese (% of adults with a BMI ≥30): **Schneider H., Venetz W., Gallani-Berardo C, HealthEcon, Overweight and obesity in Switzerland, April 29, 2009**

- % alcohol use (motor vehicle deaths (all types) per 100,000 population, and % of adults that report binge drinking in the past 30 days): **http://www.news.admin.ch/NSBSubscriber/message/attachments/26458.pdf and Swiss Federal Office of Public Health, Alcohol consumption in Switzerland**

- % unsafe sex (Chlamydia rate per 100,000 population, and teen birth rate per 1000 female population, ages 15-19): **Swiss Federal Office of Public Health, Sexually transmitted diseases, in**

http://www.bag.admin.ch/hiv_aids/05464/05465/12491/index.html?lang=en, and http://www.svss-uspda.ch/de/schweiz/teenager.htm

- % no social or emotional support (BRFSS social isolation measure: executed by telephone questionnaire "How often do you get the social and emotional support you need?"): no data available

- % single parent households: **Swiss Federal Office of Statistics, http://www.bfs.admin.ch/bfs/portal/de/index/regionen/thematische_karten/gleichstellungsatlas/familien_und_haushaltsformen/einelternfamilien.html, year 2000**

- Liquor stores (total number of liquor stores in Switzerland): no data available

- Total population of Switzerland: **Swiss Federal Office of Statistics, Statistic of population in Switzerland, (su-d-01-3.02.01.02.49.xls)**

- Environment: annual number of unhealthy air quality days due to ozone (unhealthy: over national ambient air quality standards): **Swiss Federal Office of Environment: Air Quality Report 2010, Analysis of 16 NABEL Stations (Auswertung der 16 NABEL Stationen, Luftbelastung 2010), Bern, April 2011**

- Annual number of unhealthy air quality days due to fine particulate matter (unhealthy: over national ambient air quality standards): **Swiss Federal Office of Environment: Air Quality Report 2010, Analysis of 16 NABEL Stations (Auswertung der 16 NABEL Stationen, Luftbelastung 2010), Bern, April 2011**