State Health Improvement Plan

State Health Profile
Full Assessment

Illinois Department of Public Health

October 29, 2009

Prepared by
Illinois Public Health Institute
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Introduction
As part of the 2007 Illinois State Health Improvement Plan (SHIP), the State Health Profile was constructed to be a kind of "report card" regarding the health of the population in Illinois. The Profile was designed with the input of the members of the 2005-2007 State Health Improvement Plan Team, representing organizations from many of the sectors that comprise the public health system in Illinois.

The indicators were chosen through an iterative process that utilized multiple rounds of prioritization of health conditions and associated measures of morbidity, mortality and risk factors to arrive at a final list of 65 indicators. The various committees and individuals who participated in these processes also functioned under the assumption that, to the greatest degree possible, data should be sought that could be disaggregated by social factors known to be associated with differential health outcomes (these include race, ethnicity, education, income, gender and geography). The SHIP Team recognized that there are certainly other important factors and supports improvement in the collection, analysis and dissemination of health data that can be segmented by these additional categories but was faced with the paucity of such data at this time. In addition to assisting the SHIP Team in identifying priority health conditions, the Profile helped to surface data gaps as a concern that ultimately became a Strategic Issue in the 2007 SHIP.

This iteration of the Profile highlighted, once again, a related issue, that of the fragmentation of the data systems. This difficulty bears directly on questions regarding the availability of data to elements of the public health system including organizations and government entities for planning and evaluation purposes. The difficulty of finding reliable, publicly-accessible, Illinois-specific data for each of the indicators, across all age groups and disaggregated for the various social factors and further, bringing all the resulting data into a common framework for graphical expression for comparative purposes, would be hard to overstate. No
less than 14 separate sources of data were utilized, many of which were sources of multiple databases multiplying the total number of sources several times. However, in addition to the difficulties enumerated above, it is important to note that Illinois’ public health data system is remarkable in the degree of support over a relatively long period of time for data collection and dissemination at the county level. This is due primarily to the availability of Behavioral Risk Factor data at the county level going back to the early 1990’s. Few other states have such a long and consistent set of data and the usefulness of the Profile as well as other public health planning efforts throughout the state are greatly enhanced by this robust dataset.

In addition to the social disaggregations, the 2007 Team directed that comparative national data be sought wherever possible and that the Healthy People 2010 goals and objectives be used for comparison purposes and as an organizing framework. The Profile therefore includes 65 indicators grouped under 25 of the 28 Healthy People Focus Areas. In addition, data is presented for leading causes of mortality and of years of potential life lost. For each indicator the Illinois estimate is compared to the US estimate and the Healthy People 2010 Target. Where available, the Illinois data is presented disaggregated for the social factors.

The current Profile adds two or three years of data points to the data presented in 2007, providing longer time trends for comparison for most indicators. This iteration of the Profile also benefitted from some data newly available since the previous report. These include new state-level data from the Youth Risk Behavior (YRBS) system after a prolonged absence of data and asthma data from the IDPH State of Asthma 2009.

We hope that the data contained here, while not exhaustive, will provide a set of lenses through which those involved in public health can view their work, their various publics and the future of population health in Illinois.
Health Indicators and Measures

<table>
<thead>
<tr>
<th>Leading Causes of Mortality</th>
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<tbody>
<tr>
<td>Measure</td>
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<tr>
<td>Age adjusted rates for leading causes of mortality</td>
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</table>
The figure above presents data on the leading causes of mortality by race. The causes are ordered by their ranking when considering the total population.

Source: CDC Compressed Mortality File
The figure above presents data on the leading causes of mortality by gender. The causes are ordered by their ranking when considering the total population.
Leading Causes of Death - IL 2005 By Age
1 to 4 Years - IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death - IL 2005 By Age
5 to 9 Years - IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
10 to 14 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death - IL 2005 By Age
15 to 19 Years - IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
20 to 24 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death - IL 2005 By Age
25 to 34 Years - IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
35 to 44 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
45 to 54 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
55 to 64 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
65 to 74 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
75 to 84 Years- IL & US

Source: CDC Compressed Mortality File
Leading Causes of Death- IL 2005 By Age
85 Years and Over- IL & US

Source: CDC Compressed Mortality File
<table>
<thead>
<tr>
<th>Years of Potential Life Lost</th>
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<tbody>
<tr>
<td>Measure</td>
</tr>
<tr>
<td>Age adjusted rate for years of potential life lost</td>
</tr>
</tbody>
</table>
The figure above presents data on the leading causes of potential life lost by race and ethnicity. The causes are ordered by their ranking when considering the total population. If data are missing for a race or ethnic category then the cause was not one of the ten leading causes for that demographic category.

Source: CDC/WISQARS- National Center for Health Statistics Vital Statistics System.
The figure above presents data on the leading causes of potential life lost by gender. The causes are ordered by their ranking when considering the total population. If data are missing, then the cause was not one of the ten leading causes for that demographic category.
General Health

Measure General health status
- Percentage of adults who reported poor general health.
- Percentage of adults who reported having poor physical health one or more days in the past 30 days.

### General Health

#### Percentage of Adults Reporting Poor General Health- US & IL

<table>
<thead>
<tr>
<th>Year</th>
<th>IL</th>
<th>US</th>
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<tbody>
<tr>
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<tr>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2007</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: BRFSS

#### Percentage of Adults Reporting Poor General Health- IL By Age

- **18 to 24**: 1%
- **25 to 44**: 1%
- **45 to 64**: 1%
- **65+**: 1%

Source: BRFSS
Physical Health

**Percentage of Adults Reporting Physical Health Poor ≥ 8 Days in Last 30-IL**

Source: BRFSS

**Percentage of Adults Reporting Physical Health Poor ≥ 8 Days in Last 30-IL By Age**

Source: BRFSS
Access to Health Care

1-1. Increase the proportion of persons with health insurance.
Measure Percentage who have a health plan

1-4a. Increase the proportion of persons who have a specific source of ongoing care.
Measure Percentage that think of one person as personal doctor

1-4b. Increase the proportion of children and youth aged 17 years and under who have a specific source of ongoing care.
Measure Not currently collected.

16-6a. Increase the proportion of pregnant women who begin prenatal care in the first trimester of pregnancy.
Measure Percentage of mothers who begin prenatal care in first trimester.

Access to Health Care

**Percentage of Adults Who Are Insured- IL & US**

<table>
<thead>
<tr>
<th>Year</th>
<th>IL</th>
<th>US</th>
<th>HP 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>90%</td>
<td>85%</td>
<td>100%</td>
</tr>
<tr>
<td>1999</td>
<td>90%</td>
<td>85%</td>
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<tr>
<td>2000</td>
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<td>85%</td>
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<td>2001</td>
<td>90%</td>
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<td>2002</td>
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<tr>
<td>2007</td>
<td>90%</td>
<td>85%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Source: BRFSS
Percentage of Adults Who Are Insured - IL By Age

Source: BRFSS

Percentage of Adults Who Are Insured - IL By Race

Source: BRFSS

Percentage of Adults Who Are Insured - IL By Ethnicity

Source: BRFSS
Percentage of Adults Who Have A Specific Source of Care - IL By Race

Source: BRFSS

Percentage of Adults Who Have A Specific Source of Care - IL By Ethnicity

Source: BRFSS

Percentage of Adults Who Have A Specific Source of Care - IL By Gender

Source: BRFSS
Prenatal Care

Percentage of Women Receiving Prenatal Care in 1st Trimester- IL & US

Source: IPLAN Data System

Percentage of Women Receiving Prenatal Care in 1st Trimester- IL By Race

Source: IPLAN Data System

Percentage of Women Receiving Prenatal Care in 1st Trimester- IL By Ethnicity

Source: IPLAN Data System
Arthritis

2-1  Increase the mean number of days without severe pain among adults who have chronic joint symptoms.
Measure  Not currently collected.

2-2  Reduce the proportion of adults with chronic joint symptoms who experience a limitation in activity due to arthritis.
Measure  Percentage of adults with chronic joint symptoms that limited activities.

Arthritis

Percentage of Adults With Chronic Joint Symptoms That Limit Activity- IL & US

Percentage of Adults With Chronic Joint Symptoms That Limit Activity- IL By Age

Source: BRFSS
Percentage of Adults With Chronic Joint Symptoms That Limit Activity- IL By Race

Source: BRFSS

Percentage of Adults With Chronic Joint Symptoms That Limit Activity- IL By Ethnicity

Source: BRFSS

Percentage of Adults With Chronic Joint Symptoms That Limit Activity- IL By Gender

Source: BRFSS
Asthma

24-2 Reduce hospitalizations for asthma

Measure Asthma hospitalization rate

Asthma Specific Age Adjusted Hospitalization Rate - IL Total and By Gender

Source: IDPH Burden of Asthma 2009

Asthma Specific Hospitalization Rate - IL By Age

Source: IDPH Burden of Asthma 2009
Cancer

3-1. Reduce the overall cancer death rate.
Measure All cancer mortality rates.

3-2. Reduce the lung cancer death rate.
Measure Lung cancer mortality rate.

3-3. Reduce the breast cancer death rate.
Measure Breast cancer mortality rate.

3-5. Reduce the colorectal cancer death rate.
Measure Colorectal cancer death rate.

3-6. Reduce the oropharyngeal cancer death rate.
Measure Oropharyngeal cancer mortality rate.

3-7. Reduce the prostate cancer death rate.
Measure Prostate cancer death rate.

Measure Percentage of males over 40 that have had a PSA test in the past two years.

3-12. Increase the proportion of adults who receive a colorectal cancer screening examination.
Measure Percentage of adults over 50 that have had a sigmoidoscopy.

3-13. Increase the proportion of women aged 40 years and older who have received a mammogram within the preceding 2 years.
Measure Percentage of women 40 and older who have had a mammogram in the past 2 years.

All Cancers

![Graph: All Cancers- US & IL Age Adjusted Mortality Rate]

Source: CDC Compressed Mortality File
Breast Cancer

Breast Cancer - US & IL
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File

Breast Cancer - IL By Race
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File
Colorectal Cancer

Colorectal Cancer- US & IL
Age Adjusted Mortality Rate

Colorectal Cancer- IL By Gender
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File
Colorectal Cancer- IL By Race
Age Adjusted Mortality Rate

- White
- Black
- HP 2010
- Other

Source: CDC Compressed Mortality File

Lung Cancer

Lung Cancer- US & IL
Age Adjusted Mortality Rate

- IL
- US
- HP 2010

Source: CDC Compressed Mortality File
Lung Cancer - IL By Gender
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File

Lung Cancer - IL By Race
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File
Oral Cancer

Oral Cancer- US & IL
Age Adjusted Mortality Rate

Oral Cancer- IL By Gender
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File
Oral Cancer- IL By Race
Age Adjusted Mortality Rate

Prostate Cancer

Prostate Cancer- US & IL
Age Adjusted Mortality Rate
Prostate Cancer - IL By Race
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File

PSA Test

Percentage of Men ≥ 40 Whose Last PSA Test Was Within the Past 2 Years - IL & US

Source: BRFSS
Sigmodioscopy

**Percentage of Adults ≥ 50 Who Have Ever Had A Sigmoidoscopy- IL & US**

Source: BRFSS

Mammograms

**Percentage of Women ≥ 40 Who Have Had A Mammogram in the Past 2 Years- IL & US**

Source: BRFSS
**Percentage of Women Whose Last Mammogram Was Within the Past 2 Years- IL By Age**

- 40 to 44
- 45 to 64
- 65+

**Percentage of Women Whose Last Mammogram Was Within the Past 2 Years- IL By Race**

- White
- Non-White

Source: BRFSS
Percentage of Women Whose Last Mammogram Was Within the Past 2 Years - IL by Ethnicity

Source: BRFSS

Percentage of Women Whose Last Mammogram Was Within the Past 2 Years - IL By Income

Source: BRFSS
Diabetes

5-3. Reduce the overall cases of diabetes diagnosed.
Measure Percentage told by a doctor they have diabetes

Diabetes

Percentage of Adults Told by Dr They Have Diabetes-
IL & US

Source: BRFSS

Percentage of Adults Told by Dr They Have Diabetes-
IL By Age

Source: BRFSS
Environmental Health

8-1a. Reduce the proportion of persons exposed to air that does not meet the U.S. Environmental Protection Agency’s health-based standards for ozone.

Measure Number of days in the year that the Air Quality Index unhealthy in selected metropolitan statistical areas (MSA)

27-10. Reduce the proportion of nonsmokers exposed to environmental tobacco smoke.

Measure Not currently collected

Environmental Health

### Number of Days in the Year That the Air Quality Index Unhealthy for Sensitive Groups - Selected Metropolitan Statistical Areas

- **Bloomington**
- **Champaign**
- **Chicago**
- **Davenport/Ri/Moline**
- **Decatur**
- **Peoria**
- **Rockford**
- **Springfield**
- **St. Louis/MO-IL**

Source: US EPA
Heart Disease and Stroke

12-1. Reduce coronary heart disease deaths.
Measure   Coronary heart disease mortality rate

12-7. Reduce stroke deaths.
Measure   Cerebrovascular disease mortality rate

12-15 Increase the proportion of adults who have had their blood cholesterol checked within the preceding 5 years.
Measure   Percentage of adults that have had their cholesterol checked.
Cardiovascular Disease- IL by Race
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File

Stroke/Cerebrovascular Disease

Source: CDC Compressed Mortality File
Cholesterol

Percentage of Adults Who Have Had Cholesterol Checked - IL & US

- IL
- US
- HP 2010

Source: BRFSS

Percentage of Adults Who Have Had Cholesterol Checked - IL By Age

- 18 to 24
- 25 to 44
- 45 to 64
- 65+

Source: BRFSS
**Percentage of Adults Who Have Had Cholesterol Checked—IL By Race**

Source: BRFSS

**Percentage of Adults Who Have Had Cholesterol Checked—IL By Ethnicity**

Source: BRFSS

**Percentage of Adults Who Have Had Cholesterol Checked—IL By Gender**

Source: BRFSS
13-14. Reduce deaths from HIV infection.
Measure HIV infection deaths

HIV

HIV- US & IL
Age Adjusted Mortality Rate

HIV- IL By Gender
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File
HIV-IL By Race
Age Adjusted Mortality Rate

HIV-IL By Age 25 to 64
Crude Mortality Rate

Source: CDC Compressed Mortality File
Immunizations

14-24a. Increase the proportion of young children who receive all vaccines that have been recommended for universal administration for at least 5 years.

Measure: Basic series vaccination rates

14-29a. Increase the proportion of noninstitutionalized adults who are vaccinated annually against influenza.

Measure: Percentage of adults that had flu shot in past 12 months

14-29b. Increase the proportion of noninstitutionalized adults who have ever been vaccinated against pneumococcal disease.

Measure: Percentage of adults that have ever had pneumonia vaccination.

Children

**Percentage of Children Aged 19 to 35 Months Who Received Recommended Vaccines (4:3:1:3:3)- US & IL**

**Percentage of Children Aged 19 to 35 Months Who Received Recommended Vaccines (4:3:1:3:3)- IL By Geography**
Flu Shot

Percentage of Children Aged 19 to 35 Months Who Received Recommended Vaccines (4:3:1:3:3)- IL White & Hispanic

Source: CDC/NIS

Percentage of Adults Who Received Flu Shot in Last Year- IL & US

Source: BRFSS
**Percentage of Adults Who Received Flu Shot in Last Year-IL By Geographical Region**

- Chicago
- Suburban Cook
- Collar Counties
- Urban Counties
- Rural Counties

Source: BRFSS

**Pneumonia Vaccine**

**Percentage of Adults Who Received Pneumonia Shot in Last Year-IL & US**

- IL
- US Median
- HP 2010 >65
- HP <65

Source: BRFSS
Percentage of Adults Who Have Ever Received A Pneumonia Vaccine - IL By Geographical Region

Source: BRFSS
Injury and Violence

15-15a. Reduce deaths caused by motor vehicle crashes.
Measure: Motor vehicle mortality rates

15-32. Reduce homicides.
Measure: Homicide rate

15-38. Reduce physical fighting among adolescents.
Measure: Percentage of high school students who were in a physical fight
Measure: Reduce violence related injuries
Measure: Violence related hospitalization rate

Motor Vehicle Crashes

Motor Vehicle Mortalities- US & IL
Age Adjusted Mortality Rate

Motor Vehicle Mortalities- IL By Gender
Age Adjusted Mortality Rate

Source: CDC Compressed Mortality File
### Motor Vehicle Mortalities- IL By Race

**Age Adjusted Mortality Rate**

- **Black**
- **White**
- **HP 2010**
- **Other**

Source: CDC Compressed Mortality File

### Homicide

**Homicide - US & IL**

**Age Adjusted Mortality Rate**

- **IL**
- **US**
- **HP 2010**

Source: CDC Compressed Mortality File
**Homicide - IL By Race**

*Age Adjusted Mortality Rate*

<table>
<thead>
<tr>
<th>Year</th>
<th>Black</th>
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<th>HP 2010</th>
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<td>2005</td>
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</table>

Source: CDC Compressed Mortality File

**Homicide - IL By Gender**

*Age Adjusted Mortality Rate*

<table>
<thead>
<tr>
<th>Year</th>
<th>Male</th>
<th>Female</th>
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<td>2005</td>
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</tbody>
</table>

Source: CDC Compressed Mortality File
High School Fighting-

Percentage of Students Who Were In A Physical Fight At School In The Past Year- IL & US

Source: YRBSS

Percentage of Students Who Were In A Physical Fight At School In The Past Year- IL By Gender

Source: YRBSS
State Health Improvement Plan: State Health Profile Assessment

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**Percentage of Students Who Were In A Physical Fight At School In The Past Year- IL By Race/Ethnicity**

- **White**
- **Black**
- **Other**
- **Hispanic**

Source: YRBSS

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**Percentage of Students Who Were In A Physical Fight At School In The Past Year- IL By Grade**

- **9th**
- **10th**
- **11th**
- **12th**

Source: YRBSS
Maternal, Infant and Child Health

16-1. Reduce fetal and infant deaths.
Measure Fetal and infant mortality rate.

16-10.a Reduce low birth weight (LBW) and very low birth weight (VLBW).
Measure LBW rate.

16-10b. Reduce very low birth weight (VLBW).
Measure VLBW rate.

Infant Death

Infant Mortality- US & IL

Infant Mortality- IL By Gender

Source: CDC Compressed Mortality File
Percent of Births That Are LBW (<2500 Grams)-IL By Race

Source: CDC Compressed Mortality File

Percent of Births That Are LBW (<2500 Grams)-IL By Ethnicity

Source: IPLAN Data System; CDC Wonder Natality
Very Low Birth Weight

Percentage of Births That Are VLBW (<1500 Grams)-
US & IL

Source: CDC Compressed Mortality File

Percentage of Births That Are VLBW (<1500 Grams)-
IL By Race

Source: CDC Compressed Mortality File
Percentage of Births That Are VLBW (<1500 Grams)-IL By Ethnicity

Source: IPLAN Data System; CDC Wonder Natality
Mental Health

18-1  Reduce the suicide rate.
Measure  Suicide rate

18-9b.  Increase the proportion of adults with recognized depression who receive treatment.
Measure  **Not currently collected.**

Days during the past 30 days mental health not good

Percentage of adults who reported having poor mental health one or more days in the past 30 days.

Adolescent mental health

Measure  Percentage of high school students that felt so sad or hopeless almost every day for >2 weeks in a row that they stopped doing some usual activities.

Suicide

![Suicide - US & IL Age Adjusted Mortality Rate](source: CDC Compressed Mortality File)
Suicide - IL By Gender
Age Adjusted Mortality Rate

Rate per 100,000

Source: CDC Compressed Mortality File

Suicide - IL By Race
Age Adjusted Mortality Rate

Rate per 100,000

Source: CDC Compressed Mortality File
Poor Mental Health

Percentage of Adults Reporting Poor Mental Health >7 Days In Past 30 Days- IL & US

Source: BRFSS

Percentage of Adults Reporting Poor Mental Health >7 Days In Past 30 Days- IL By Age

Source: BRFSS
Youth Feeling Sad and Hopeless -

**Percentage of HS Students Reporting Feeling Sad/Hopeless for 2 Or More Weeks in Past 12 Months - IL & US**

![Graph showing percentage of HS students reporting feeling sad/hopeless for 2 or more weeks in past 12 months in IL and US from 1999 to 2007. The graph includes data for both males and females.](source: YRBSS)

**Percentage of HS Students Reporting Feeling Sad/Hopeless for 2 Or More Weeks in Past 12 Months - IL By Gender**

![Graph showing percentage of HS students reporting feeling sad/hopeless for 2 or more weeks in past 12 months in IL by gender from 1999 to 2007.](source: YRBSS)
Occupational Safety and Health

20-1. Reduce deaths from work-related injuries.

Measure: Work related mortality rate

![Number of Fatal Occupational Injuries- IL](image)

![Number of Fatal Occupational Injuries- IL By Gender](image)

Source: IDPH
Number of Fatal Occupational Injuries - IL By Ethnicity

Source: IDPH
Oral Health

Measure 21-1b. Percentage with dental sealant (3rd graders).

Measure 21-1b. Reduce the proportion of children with dental caries experience in their primary and permanent teeth.

Measure Percentage with dental caries experience (3rd graders).

Measure Last dental visit (1 year, 1-2 years, >2 years/never)

Measure Percentage last dental visit more than 2 years or never

Dental Sealants

Percentage With Caries Experience - IL 3rd Graders 2003-04

<table>
<thead>
<tr>
<th></th>
<th>IL</th>
<th>Urban</th>
<th>Rural</th>
<th>Collar</th>
<th>Chicago</th>
<th>Cook</th>
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</thead>
<tbody>
<tr>
<td>HP 42%</td>
<td>55</td>
<td>47</td>
<td>62</td>
<td>47</td>
<td>59</td>
<td>64</td>
</tr>
</tbody>
</table>

Basic Screening Survey 2003-04- IDPH Division of Oral Health

Percentage With Sealants - IL 3rd Graders 2003-04

<table>
<thead>
<tr>
<th></th>
<th>IL</th>
<th>Urban</th>
<th>Rural</th>
<th>Collar</th>
<th>Chicago</th>
<th>Cook</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 50%</td>
<td>27</td>
<td>37</td>
<td>37</td>
<td>34</td>
<td>12</td>
<td>23</td>
</tr>
</tbody>
</table>

Basic Screening Survey 2003-04- IDPH
**Percentage With Caries Experience - By Language Spoken At Home**

*IL 3rd Graders 2003-04*

- English: 50%
- Spanish: 70%
- English & Other: 56%
- English/Spanish: 68%
- Only Other: 67%

**Percentage With Sealants - By Language Spoken At Home**

*IL 3rd Graders 2003-04*

- English: 30%
- Spanish: 20%
- English & Other: 15%
- English/Spanish: 24%
- Only Other: 20%

Basic Screening Survey 2003-04 - IDPH Division of Oral Health
Adult Dental Visit

Percentage of Adults Who Visited Dentist Within Last Year - IL & US

Source: BRFSS

Percentage of Adults Who Visited Dentist Within Last Year - IL By Age

Source: BRFSS
Overweight and Obesity

19-3c. Reduce the proportion of children and adolescents who are overweight or obese.
Measure Percentage of high school students who are overweight or obese
Measure Percentage of high school students who describe themselves as slightly or very overweight

19-2. Reduce the proportion of adults who are obese.
Measure Percentage of adults who are obese.

**Overweight and Obesity - High School Students**

![Graph showing percentage of HS students who are overweight from 1991 to 2007 for IL and US.](source: YRBSS)
State Health Improvement Plan: State Health Profile Assessment

**Percentage of HS Students Who Are Obese - IL & US By Gender**

Source: YRBSS

**Adults**

**Percentage of Adults Who Are Obese - IL & US**

Source: BRFSS
**Percentage of Adults Who Are Obese - IL By Age**

![Percentage of Adults Who Are Obese - IL By Age](chart1)

Source: BRFSS

**Percentage of Adults Who Are Obese - IL By Race**

![Percentage of Adults Who Are Obese - IL By Race](chart2)

Source: CDC Compressed Mortality File

**Percentage of Adults Who Are Obese - IL By Ethnicity**

![Percentage of Adults Who Are Obese - IL By Ethnicity](chart3)

Source: BRFSS
Percentage of Adults Who Are Obese - IL By Geographical Region

Source: BRFSS
Physical Activity

<table>
<thead>
<tr>
<th>Objective</th>
<th>Description</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>22-9</td>
<td>Increase the proportion of adolescents who participate in daily school physical education.</td>
<td>Percentage of high school students who participated daily in physical education.</td>
</tr>
<tr>
<td>22-7.</td>
<td>Increase the proportion of adolescents who engage in vigorous physical activity that promotes cardiorespiratory fitness 3 or more days per week for 20 or more minutes per occasion.</td>
<td>Percentage of high school students who participated in sufficient vigorous physical activity.</td>
</tr>
<tr>
<td>22-2.</td>
<td>Increase the proportion of adults who engage regularly, preferably daily, in moderate physical activity for at least 30 minutes per day.</td>
<td>Percentage of adults that meet standard for moderate physical activity.</td>
</tr>
</tbody>
</table>

### Physical Education Classes-

[Graph showing the percentage of high school students who attend PE classes daily in IL and US from 1993 to 2007.]

Source: YRBSS
Adolescent Physical Activity-

Percentage of HS Students Who Attend PE Class Daily-US & IL By Gender

Source: YRBSS

Percentage of HS Students Who Were Physically Active On 5 Or More Days in Previous 7 Days- IL & US

Source: YRBSS
**Percentage of HS Students Who Were Physically Active On 5 Or More Days in Previous 7 Days - IL & US By Gender**

Source: YRBSS

**Adult Physical Activity**

**Percent of Adults Who Engage in Recommended Levels of Physical Activity - US & IL**

Source: BRFSS
Percentage of Adults Who Engage in Recommended Levels of Physical Activity- IL By Geographical Region

Source: BRFSS
Public Health Infrastructure

All Data and Information Systems Objectives

The objectives below have been revised from the HP 2010 objectives regarding public health infrastructure data needs to focus on state and local data access. Assuring that state and local public health staff and community health planners have access to the data necessary for appropriate community health assessment and program planning and evaluation are critical to the proper functioning of the public health system.

23-3. Increase the use of geocoding of health information to promote use of geographic information systems (GIS) at all levels.

23-5. Increase the proportion of Leading Health Indicators and Health Status Indicators, for which data—especially for select populations—are available at the state and local levels.

23-6. Increase the proportion of Healthy People 2010 objectives that are tracked regularly at the state and local level.

23-7. Increase the proportion of Healthy People 2010 objectives for which state and local data are released within 1 year of the end of data collection.
Responsible Sexual Behavior

25-11. Increase the proportion of adolescents who abstain from sexual intercourse or use condoms if currently sexually active.

Measure: Percentage of high school students who engaged in sexual behaviors

Percentage of high school students who were currently sexually active and who used a condom during last sexual intercourse

13-6a. Increase the proportion of sexually active persons who use condoms.

Measure: Not currently collected.

9-1 Unintended pregnancy

Measure: Percentage of pregnancies that are unintended

High School Students Sexual Activity

[Graph showing the percentage of high school students who had sexual intercourse during the past 3 months in Illinois (IL) and the United States (US) from 1993 to 2007.]

Source: YRBSS
Percentage of HS Students Who Had Sexual Intercourse During Past 3 Months- IL & US By Gender

Source: YRBSS

High School Students Condom Use-

Percentage of Sexually Active HS Students Who Used a Condom During Last Sexual Intercourse- IL & US

Source: YRBSS
Percentage of Sexually Active HS Students Who Used a Condom During Last Sexual Intercourse - IL & US By Gender

Source: YRBSS

Unintended Pregnancy

Percentage of Unintended Pregnancies - IL & US

Source: IDPH FRAMS; CDC CPONDER
Percentage of Unintended Pregnancies- IL By Age

Source: IDPH PRAMS; CDC CPONDER

Percentage of Unintended Pregnancies- IL By Race

Source: IDPH PRAMS; CDC CPONDER
Percentage of Unintended Pregnancies- IL By Ethnicity

- Hispanic
- Non-Hispanic

Source: IDPH PRA MS; CDC CPONDER

Percentage of Unintended Pregnancies- IL By Education

- < High School
- High School
- > High School

Source: IDPH PRA MS; CDC CPONDER
Sexually Transmitted Diseases

25-1 Reduce the proportion of adolescents and young adults with *Chlamydia trachomatis* infections.

Measure Chlamydia incidence rate

25-2 Reduce gonorrhea.

Measure Gonorrhea incidence rate.

### Chlamydia

#### Chlamydia Incidence Rates - US & IL

Source: IDPH IPLAN Data System; CDC STD

#### Chlamydia Incidence Rates - IL by Race and Ethnicity

Source: IDPH IPLAN Data System
Chlamydia Incidence Rates - IL by Gender

Source: IDPH IPLAN Data System

Chlamydia Incidence Rates - by Geography

Source: IDPH IPLAN Data System; CDC STD
Gonorrhea Incidence Rates - by Geography

Source: IDPH IPLAN Data System; CDC STD
Substance Abuse

26-10a. Increase the proportion of adolescents not using alcohol or any illicit drugs during the past 30 days.
Measure
Percentage of students who drank one or more drinks of alcohol on >1 of the 30 days preceding the survey

26-10c. Reduce the proportion of adults using any illicit drug during the past 30 days.
Measure Not currently measured.

26-11c. Reduce the proportion of adults engaging in binge drinking of alcoholic beverages during the past month.
Measure
Percentage of adults having five or more drinks on one occasion in the past 30 days

High School Student Alcohol Use-

[Graph showing percentage of HS students who had at least 1 drink in the past 30 days for IL and US from 1993 to 2007.]

Source: YRBSS
High School Student Substance Use

Percentage of HS Students Who Had At Least 1 Drink In Past 30 Days - IL & US By Gender

Source: YRBSS

Percentage of Who Have Used Alcohol, Tobacco or Marijuana In The Past 30 Days - IL & US

Source: YS
Adult Binge Drinking

Percentage of Adults At Risk For Binge Drinking - IL & US

Source: BRFSS

Percentage of Adults At Risk For Binge Drinking - IL By Age

Source: BRFSS
Tobacco Use

27-1a. Reduce cigarette smoking by adults.
Measure Percentage of adults that are smokers

27-2b. Reduce cigarette smoking by adolescents.
Measure Percentage of high school students who smoked cigarettes

## Adult Smoking

### Percentage of Adults Who Are Current Smokers - IL & US

<table>
<thead>
<tr>
<th>Year</th>
<th>IL</th>
<th>US</th>
<th>HP 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
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<td>1999</td>
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<tr>
<td>2007</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
</tr>
</tbody>
</table>

Source: BRFSS

### Percentage of Adults Who Are Current Smokers - IL By Age

- **18 to 24**
- **25 to 44**
- **45 to 64**
- **65+**

<table>
<thead>
<tr>
<th>Year</th>
<th>18 to 24</th>
<th>25 to 44</th>
<th>45 to 64</th>
<th>65+</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>25%</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
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<tr>
<td>2007</td>
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<td>30%</td>
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<td>30%</td>
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</table>

Source: BRFSS
High School Smoking-

Percentage of HS Students Who Smoked In Past 30 Days - IL & US

Source: YRBSS

Percentage of HS Students Who Smoked In Past 30 Days - IL & US By Gender

Source: YRBSS
List of Data Sources

- Behavioral Risk Factor Surveillance System (BRFSS)
- Center for Disease Control and Prevention (CDC) Compressed Mortality File
- Center for Disease Control and Prevention (CDC) WISQARS (Web-based Injury Statistics Query and Reporting System)
- Center for Disease Control and Prevention’s (CDC) National Immunization Survey (NIS)
- Center for Disease Control and Prevention (CDC) Wonder- Natality
- Center for Disease Control and Prevention (CDC) Pregnancy Risk Assessment Monitoring System (PRAMS)- CPONDER
- Illinois Department of Public Health (IDPH) Burden of Asthma 2009
- Illinois Department of Public Health (IDPH) Division of Oral Health- Basic Screening Survey 2003-04
- Illinois Department of Public Health (IDPH) Illinois Pregnancy Risk Assessment Monitoring System (PRAMS)
- Illinois Project for Local Assessment of Needs (IPLAN) Data System
- Illinois Youth Survey (IYS)
- Youth Risk Behavior Surveillance System (YRBSS)
- US Environmental Protection Agency (EPA)- Air Quality Index