



# SFDPH Program on Health, Equity, and Sustainability

## Urban Health and Place Team

### Pedestrian Environmental Quality Index Update – Sept 2009



#### Pedestrian Environmental Quality Index (PEQI) Update

The Pedestrian Environmental Quality Index (PEQI) has been developed to assess the quality of the physical pedestrian environment and inform pedestrian planning needs. The PEQI draws on published research and work from numerous cities to assess how the physical environment impacts on whether people walk in a neighborhood. The PEQI is an observational survey which quantifies street and intersection factors empirically known to affect people’s travel behaviors, and is organized into five categories: traffic, street design, land use, intersections, and safety. Within these categories are 30 indicators that reflect the quality of the built environment for pedestrians and comprise the survey used for data collection. For more information on the PEQI, please see [http://www.sfphes.org/HIA\\_Tools/PEQI.pdf](http://www.sfphes.org/HIA_Tools/PEQI.pdf).

The **Pedestrian Environmental Quality Index (PEQI)** is being developed through an ongoing, iterative process. Through this process, the San Francisco Department of Public Health (SFDPH) is creating, revising and updating the methodology and database. If you’ve previously used the PEQI, please be aware that the scoring, classification, indicators, and other information currently on the website may be revised from what you previously reviewed.

To help viewers keep track of changes on the PEQI, SFDPH will be providing:

#### **ARCHIVES**

**Archives** - is an archive of all "recent news" items listed on the PEQI homepage. This archive is intended to help viewers track major updates or revisions to the index – for example, the addition of new indicators.

There are no updates at this time

#### **CORRECTIONS AND ERRORS**

**Corrections and Errors** - is an archive of all corrected errors on the website occurring because of technological or human error.

Below are corrected errors to the index occurring because of technological or human error. Each listing includes the date the correction was posted, the section of the website edited, the problem that occurred and the date the correction was made.

**September 9, 2009** - For Indicator *Driveway Cuts*, the indicator values in the database were inverted for “More than 5” and “None”. See Table 1 for old and corrected values.

Table 1

ID	Driveway Cuts	Old Driveway Cuts Values	Corrected Driveway Cuts Values
1	More than 5	15	5
2	Few (less than 5)	10	10
3	None	5	15

**Fix** – There are two options.

1) If you have not entered any data into the PEQI database, you can download PEQI\_database\_and\_GISfiles\_pv1.2.zip from the [http://www.sfphes.org/HIA\\_Tools\\_PEQI.htm](http://www.sfphes.org/HIA_Tools_PEQI.htm) and use PEQI\_database\_v1.4.mdb



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2) If you have already entered data into the database, you can manually fix the table in the database opening PEQI\_database\_v1.3.mdb > Press F11 > Double-Click on driveway cut table > Replace the 15 with 5 and the 5 with 15 (See Table 1) > Close Table > Click “Yes” to Do you want the save changes to the layout of table ‘Drivewaycuts’.

#### NUMBER VERSIONS OF THE PEQI INDEX

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**Numbered Versions of the PEQI Index** - As of September 2009, revisions to the PEQI will be noted, as well as in the News Archives listed below. Specifically, minor revisions to the Index will be noted as Version 1.02, 1.03, etc. Major revisions will be noted as Version 2.01, 3.01, etc.

Version 1.4 is the most up-to-date version.

#### FOR MORE INFORMATION

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Please visit our website at [http://www.sfphes.org/HIA\\_Tools\\_PEQI.htm](http://www.sfphes.org/HIA_Tools_PEQI.htm).

A completed a public draft of *The Pedestrian Environmental Quality Index (PEQI): An assessment of the physical condition of streets and intersections DRAFT Methods Report – Fall 2008* can be found at:  
[http://www.sfphes.org/HIA\\_Tools/PEQI\\_Methods\\_2008.pdf](http://www.sfphes.org/HIA_Tools/PEQI_Methods_2008.pdf)

A copy of the training manual, database, survey form and shapefiles can be found at:  
[http://www.sfphes.org/HIA\\_Tools\\_PEQI.htm#](http://www.sfphes.org/HIA_Tools_PEQI.htm#)

**For Questions, contact:**

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