

**Variables included in Final Recommended Funding Model and Hamilton's Score in the 2013 Analysis**

Variable	Indicator	Explanation	Hamilton's Score (range)	Weight Given Variable	Comments
<b>Service Cost Drivers</b>					
<b>Geography</b>	Adapted Concentric Circle Model	Weights population by distance from largest PHU office. Reflects where most staff would be travelling from to deliver programs and services (mileage and staff time)	1.00 (1.00 – 2.01)	25%	Model only begins to assign weight once the centre of a census subdivision is at least 30 km from the largest office  Also included in 1996 and 2001 funding models
<b>Language</b>	Proportion of population whose Home Language is not English	Certain populations may require services adapted for language and/or culture	12.9% (1.4 - 38.9)	10%	Also included in 1996 and 2001 funding models
<b>Drivers of Need</b>					
<b>Aboriginal</b>	Identify with one or more aboriginal groups, or members of a First Nation	Aboriginal people experience the lowest health status of any identifiable population in Ontario		12.5%	There is moderate correlation of this variable with some of the other indicators
<b>Dependency</b>	These are the dimensions of the Ontario Marginalization Index, which in turn are each based on a number of variables	Considered to be measures of "upstream" health needs	3.03 (2.02-4.31)	10%	Correlates positively with other measures of mortality
<b>Residential Instability</b>			2.91 (1.8-3.65)	7.5%	Has a positive association with other measures of mortality
<b>Material Deprivation</b>			3.11 (1.67-3.91)	15%	Correlates positively with other measures of mortality

<b>Ethnic Concentration</b>			3.42 (1.54-4.63)	10%	Correlates negatively with other measures of mortality
<b>Preventable Mortality</b>	Deaths at <75 yrs from preventable causes that could be avoided through primary prevention	Included to reflect aspects of need not reflected in other indicators	125.1 (62.9-192.1)  Per 100,000 population	10%	Moderately positively correlated with geography, aboriginal status, deprivation, dependency. Moderately negatively correlated with ethnic concentration
<b>Population</b>	Permanent residents		540,234 (34,449-2.7M)		