



PointX to SIC mapping Documentation

Version 2.1 March 2012

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Introduction

- 1.1 This document gives background information on the third iteration (version 2.1) of mapping work undertaken by PointX to show how the classes in the 3 tiered PointX classification system fit with SIC (Standard Industrial Classification) codes. All PointX points of interest records from across Great Britain have a classification in the PointX classification system.
- 1.2 Although the mappings in this version are very similar to those given in the previous documentation supplied by PointX there are some subtle differences. PointX's Version 3.1 of the classification system released in March 2012 contains some new and renamed classes as well as losing some redundant ones from the overall classification framework. Also within a few classes their contents have been reviewed (elements may have been remapped or refined) which again may have led to a change in what SIC mappings apply.
- 1.3 Mappings are also available between the PointX classification system and the **Local Government Business Category List Version 1** (LGBCL) in the "Keywords" documentation.
- 1.4 Although there are a number of SIC systems in usage, some of which are quite old, it was decided that by sticking with mappings to **SIC 2003** and **SIC 2007** the most recent and most widely systems adopted in the United Kingdom would be catered for.
- 1.5 As the *Nomenclature generale des activites economiques dans les Communautes europeennes* or, for short, NACE 1.1 system equates to the SIC 2003 system at the 4 digit class level and the NACE 2 system equates to the SIC 2007 system, a mapping in to these European wide systems has been provided as well.

Scope of SIC mapping work

- 2.1 The intention of this work is to provide mappings between the PointX classification system at class level, its most granular level, to the appropriate SIC 4 digit class level.
- 2.2 The PointX classes will vary from a very specific entity performing only a single function through to quite wide groupings of entities. As SIC classes can similarly range from very specific to wide ranging inclusions there is rarely just a one to one link that can be drawn.
- 2.3 In order to allow for the multiple valid possibilities that a PointX class can represent, in either of the SIC systems being mapped to, up to seven 4 digit SIC classes can be shown (14 in total across the two systems). NB 8 (or 16 across the two) have been included where the final field has a "/" separating values.
- 2.4 Where possible the SIC class deemed most appropriate has been assigned first in the listing followed by others in order of decreasing relevance. **Where a PointX class contains 2 or more distinct activities, that have separate SIC codes, the first 2 or more in the list are likely to be of equal relevance.**
- 2.5 In certain PointX classes, because the range of features is so great, and the SIC system can be very specific, it will be the case that certain SIC codes, deemed less relevant, have been missed from the mapping.
- 2.6 **A leading zero is used to pad out all SIC classes to make them 4 digits. The class number has been captured without decimal points or slashes.** Only the class number is given and not any textural descriptions associated with them. It is expected that Users would add these themselves as appropriate.
- 2.7 Mappings have only been attempted at PointX class level as should users wish to have mappings at Category or even Group level they can do this by aggregating up the class mappings. Similarly should mappings be required at 2 or 3 digit SIC levels this can be done by dropping the fourth digit.

- 2.8 The mappings provided are from PointX class to SIC. At this stage there are no plans to provide files based, or ordered, upon SIC systems showing the corresponding PointX classes as this can be achieved (with effort!) by reversing what has been supplied here.
- 2.9 As there are differences between the SIC 2003 and SIC 2007 systems the number of mappings for each can validly be different.
- 2.10 Should uncertainty exist over a mapping it will be followed by a question mark "?". Where possible these have been minimised however, as PointX wanted as many classes to have at least one SIC mapping in each system, some have been included where the validity is uncertain.
- 2.11 There are odd PointX classes for which it appears there is no appropriate SIC value. This is often the case for very generic PointX activities such as "Shopping Centre" or "Chimney" where no individual SIC code is appropriate. In these cases a value of "0000" has been allocated.
- 2.12 In odd cases the seventh field for each system will contain two SIC values separated by a "/". This has in effect allowed mapping of 8 SIC codes.
- 2.13 Not all records reported in a PointX class will necessarily relate to each, or any, of the SIC codes stipulated.
- 2.14 **It must be remembered that although this is the third iteration of a PointX to SIC system mapping the effort expended in the review centered around changes to the PointX classification system between version 3 and version 3.1 and not around the appropriateness of the original SIC code mappings.** Although a great deal of care has been employed in an attempt to make the mappings **as complete and relevant as possible** there could however be mappings missed, incorrectly assigned or ordered in a less than optimal way. **If users do find anomalies PointX would appreciate being made aware of these so that they can be corrected in future versions.** It must also be noted that in some instances PointX is at the mercy of how its data suppliers classify records.

Structure

- 3.1 In order to make this as generic as possible the mappings are provided in a pipe (|) delimited text file.
- 3.2 The first column provided is the full PointX classification code number (8 digits) in order as they appear in the full PointX classification system. NB If customers only receive a sub set of PointX data not all of the PointX classes will be applicable to them. The second column contains the class name description. This is followed by 7 columns holding 4 digit SIC 2003 codes, where assigned, and 7 columns for 4 digit SIC 2007 codes.
- 3.3 The intention is to provide specific and relevant mappings where possible. If a class is believed to hold types of feature relating to many SIC codes then these are populated in order with that perceived as most relevant identified first followed by those of reducing relevance.

Examples

4.1 Below is an example of the SIC mapping.

PointX Class to SIC lookups															
PointX Classification Code	Description	First SIC 2003	Second SIC 2003	Third SIC 2003	Fourth SIC 2003	Fifth SIC 2003	Sixth SIC 2003	Seventh SIC 2003	First SIC 2007	Second SIC 2007	Third SIC 2007	Fourth SIC 2007	Fifth SIC 2007	Sixth SIC 2007	Seventh SIC 2007
01010002	Camping, Caravanning, Mobile Homes, Holiday Parks and Centres	5522	5523						5530	5520	5590?				
01010003	Bed and Breakfast and Backpacker Accommodation	5523							5520						
01010005	Hostels and Refuges for the Homeless	5523							5590						
01010006	Hotels, Motels, Country Houses and Inns	5510							5510						
01010007	Self Catering	5523							5520						
01010008	Timeshare	5523							5590						
01010009	Youth Accommodation	5521	5523						5520	5590					
01020012	Banqueting and Function Rooms	7020							6820						
01020013	Cafes, Snack Bars and Tea Rooms	5530							5610						

4.2 As can be seen in the example the level and type of mapping varies depending on the term under consideration.

Delivery

- 5.1 The SIC mappings are supplied free of charge to all existing PointX customers as a separate file in their orders.
- 5.2 This is within the documents directory as a simple pipe | delimited text file with a header showing the field names.
- 5.3 Updates to this file, including additions and amendments, will be provided when deemed necessary but it is not envisaged that this should be performed on too rigorous a basis, initially at least.

Issues

- 6.1 Mappings used to populate both the PointX classification system and SIC systems are complex. Depending on users perceptions it is possible for a single feature to undertake multiple purposes and thus sit in different places.
- 6.2 Some SIC codes do not specifically mention what is contained within them through the use of a general activity and the proviso of "not elsewhere classified". This can mean that for certain activities it has to be assumed as to where they best sit.