Field Description	Field Abbreviation	Field Length	Field Type	Field Version
Standard Industrial Classification (SIC 2007) code (first 2 characters)	**XSIC202**	**2**	**Char**	**2.3.1**

VALID ENTRIES

01	Crop and animal production, hunting and related service activities
02	Forestry and logging
03	Fishing and aquaculture
05	Mining of coal and lignite
06	Extraction of crude petroleum and natural gas
07	Mining of metal ores
08	Other mining and quarrying
09	Mining support service activities
10	Manufacture of food products
11	Manufacture of beverages
12	Manufacture of tobacco products
13	Manufacture of textiles
14	Manufacture of wearing apparel
15	Manufacture of leather and related products
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
17	Manufacture of paper and paper products
18	Printing and reproduction of recorded media
19	Manufacture of coke and refined petroleum products
20	Manufacture of chemicals and chemical products
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
22	Manufacture of rubber and plastic products
23	Manufacture of other non-metallic mineral products
24	Manufacture of basic metals
25	Manufacture of fabricated metal products, except machinery and equipment
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
28	Manufacture of machinery and equipment (not elsewhere classified)
29	Manufacture of motor vehicles, trailers and semi-trailers
30	Manufacture of other transport equipment
31	Manufacture of furniture
32	Other manufacturing
33	Repair and installation of machinery and equipment
35	Electricity, gas, steam and air conditioning supply
36	Water collection, treatment and supply
37	Sewerage
38	Waste collection, treatment and disposal activities; materials recovery

39	Remediation activities and other waste management services
41	Construction of buildings
42	Civil engineering
43	Specialised construction activities
45	Wholesale and retail trade and repair of motor vehicles and motorcycles
46	Wholesale trade, except of motor vehicles and motorcycles
47	Retail trade, except of motor vehicles and motorcycles
49	Land transport and transport via pipelines
50	Water transport
51	Air transport
52	Warehousing and support activities for transportation
53	Postal and courier activities
55	Accommodation
56	Food and beverage service activities
58	Publishing activities
59	Motion picture, video and television programme production, sound recording and music publishing activities
60	Programming and broadcasting activities
61	Telecommunications
62	Computer programming, consultancy and related activities
63	Information service activities
64	Financial service activities, except insurance and pension funding
65	Insurance, reinsurance and pension funding, except compulsory social security
66	Activities auxiliary to financial services and insurance activities
68	Real estate activities
69	Legal and accounting activities
70	Activities of head offices; management consultancy activities
71	Architectural and engineering activities; technical testing and analysis
72	Scientific research and development
73	Advertising and market research
74	Other professional, scientific and technical activities
75	Veterinary activities
77	Rental and leasing activities
78	Employment activities
79	Travel agency, tour operator and other reservation service and related activities
80	Security and investigation activities
81	Services to buildings and landscape activities
82	Office administrative, office support and other business support activities
84	Public administration and defence; compulsory social security
85	Education
86	Human health activities
87	Residential care activities

88	Social work activities without accommodation
90	Creative, arts and entertainment activities
91	Libraries, archives, museums and other cultural activities
92	Gambling and betting activities
93	Sports activities and amusement and recreation activities
94	Activities of membership organisations
95	Repair of computers and personal and household goods
96	Other personal service activities
97	Activities of households as employers of domestic personnel
98	Undifferentiated goods- and services-producing activities of private households for own use
99	Activities of extraterritorial organisations and bodies
__	Not known

ADDITIONAL INFORMATION

This field returns the first 2 characters of the externally coded field ZSIC2007, 'Standard Industrial Classification 2007 for the DLHE', with the exception of code 9999 (Not known) which will return '__' (2 underscores).

The derived field labels reflect the Standard Industrial Classification economic activities structure as summarised in the UK Standard Industrial Classification of Economic Activities 2007 (SIC 2007) (www.ons.gov.uk/ons/guide-method/classifications/ current-standard-classifications /standard-industrial-classification/index.html).

DEPENDENT FIELDS

none

TECHNICAL SPECIFICATION

(N.B. must be executed in top down order - so that code 9999 is derived to '__' (Not known) prior to any match for valid entry '99' (Activities of extraterritorial organisations and bodies) being derived)

ZSIC2007 (CHAR 5)	XSIC202
First 4 characters are 9999, or field is blank	__ (2 underscores)
If the first two characters match the XSIC202 valid entries listed above	Return the first two characters
Otherwise	Null

Where the two character value is not found in the list of valid entries for XSIC202 (or has not been derived to '__') return Null as XSIC202. This is an error, highlighting that a value in the ZSIC2007 field cannot be derived to a known output value. (This is designed so the derived function does not fail. Nulls are to be identified at impossible values testing to flag the issue to HESA's Data Management team).

Revision 2.2.1 2012-10-19 (Additional information: source of SIC data updated from the survey field SIC2007 to the externally coded field ZSIC2007. Removal of ‘XXXX’ from the technical specification as these are not likely to be returned in XSIC2007. Addition of a line to the technical specification, requiring the function to output null if the first two characters of the returned data do not match valid entries list.)

Revision 2.2.2 2012-12-12 (Minor clarifications to Technical specification, changing ZSIC2007 to CHAR 5 to reflect this externally coded field and clarification added as to why the function must be completed top down.)

Revision 2.3.1 2013-01-14 (Minor change to Technical specification, changing first row to 'first 4 characters 9999, blank' to ensure any 9999n codes delivered are derived to '__' not known and not to '99' Activities of extraterritorial organisations and bodies)