Concordance file between 1987 SIC codes and 1997 NAICS codes
(including establishment, employment, shipments and payroll weights)

sic87	= 1987 SIC code
naics97	= 1987 SIC code
est8797	= fraction of sic87 establishments mapped to naics97
emp8797	= fraction of sic87 employment mapped to naics97
ship8797	= fraction of sic87 shipments mapped to naics97
pay8797	= fraction of sic87 payroll mapped to naics97
est9787	= fraction of sic97 establishments mapped to naics87
emp9787	= fraction of sic97 employment mapped to naics87
ship9787	= fraction of sic97 shipments mapped to naics87
pay9787	= fraction of sic97 payroll mapped to naics87

A few examples may help explain the mapping better (refer to the data on the next page).

SIC 2011 is equivalent to NAICS 212210
(all 8 shares are 1.0, indicating that 100% of each variable is mapped from sic87 to naics97, in both directions).

SIC 1081 is split between two NAICS codes (213114 and 541360)
most is mapped to NAICS 213114
(90% of establishments, 99% of employment, shipments, and payroll)
while the remainder goes to NAICS 541360
(10% of establishments and 1% of employment, shipments, and payroll)

NAICS 213114 is entirely mapped to SIC 1081 (all 4 shares are 1.0),
only a very small part of NAICS 541360 (less than 4%) comes from SIC 1081;
the remainder of NAICS 541360 comes from several SICs, including 1382.

All of SIC 1389 and part of SIC 1382 combine to form NAICS 213112.
Note the sizable discrepancies between the weights for SIC 1382 - this mapping accounts for 82% of establishments, 59% of employment, and 52% of payroll, but only 37% of shipments - with the remainder of SIC 1382 being mapped to NAICS 541360.

NAICS 213112 is primarily mapped into SIC 1389 (86% of establishments and 97% of the other variables), with the remainder mapped into SIC 1382.

If you have questions or problems with these data,
feel free to contact Wayne Gray (wgray@clarku.edu).

Sample Data
Concordance file between 1987 SIC codes and 1997 NAICS codes
(including establishment, employment, shipments and payroll weights)

sic	naics97	est8797	emp8797	ship8797	pay8797	est9787	emp9787	ship9787	pay9787
1011	212210	1	1	1	1	1	1	1	1
1021	212234	1	1	1	1	1	1	1	1
1031	212231	1	1	1	1	1	1	1	1
1041	212221	1	1	1	1	1	1	1	1
1044	212222	1	1	1	1	1	1	1	1
1081	213114	0.896551728	0.986627519	0.988934994	0.989997268	1	1	1	1
1081	541360	0.103448279	0.013372472	0.011065027	0.010002726	0.035775129	0.004139324	0.003477706	0.002470854
1094	212291	1	1	1	1	1	1	1	1
1099	212299	1	1	1	1	1	1	1	1
1221	212111	1	1	1	1	1	1	1	1
1222	212112	1	1	1	1	1	1	1	1
1231	212113	1	1	1	1	1	1	1	1
1241	213113	1	1	1	1	1	1	1	1
1311	211111	1	1	1	1	1	1	1	1
1321	211112	1	1	1	1	1	1	1	1
1381	213111	1	1	1	1	1	1	1	1
1382	213112	0.822055161	0.587015212	0.366402924	0.515356779	0.139258415	0.038937785	0.026078837	0.030733479
1382	541360	0.177944869	0.412984788	0.633597076	0.484643221	0.362862021	0.293488145	0.47680977	0.234924093
1389	213112	1	1	1	1	0.860741556	0.961062193	0.97392118	0.969266534
1411	212311	1	1	1	1	1	1	1	1
1422	212312	1	1	1	1	1	1	1	1
1423	212313	1	1	1	1	1	1	1	1