Concordance file between 1972 SIC codes and 1987 SIC codes
<based on value of shipments data from 1987 translation table>

sic72	= 1972 SIC code
sic87	= 1987 SIC code
sh7287	= fraction of sic72 that should be mapped to sic87
sh8772	= fraction of sic87 that should be mapped to sic72
part	= 1987 value of shipments mapped between sic72 and sic87
tot72	= total 1987 value of shipments for sic72
tot87	= total 1987 value of shipments for sic87

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

SIC 2011 did not change (100% mapped from sic72 to sic87, in both directions).

SIC 2016/2017 - two SIC72 industries merge to form one SIC87 industry (SIC 2015).

Going from sic72 to sic87, all of SIC 2016 and SIC 2017 are added together to form SIC 2015 (both sh7287 values = 1).

Going from sic87 to sic72, SIC 2015 must be split into two pieces (2016 and 2017), with about three-quarters going to 2016 (based on sh8772=.77). Note that the shares are based on the 1987 value of shipments for plants under the two different SIC definitions.

SIC 2034 - the 1972 industry is a bit 'bigger' than the 1987 industry.

About 10% of the sic72 2034 is moved to sic87 2099, with the other 90% remaining in sic87 2034, based on sh7287. When going from 1987 to 1972, all of sic87 2034 stays in sic72 2034, based on sh8772.

SIC 2045 - the 1987 industry is a bit bigger than the 1972 industry.

It includes all of sic72 2045, plus a small amount (7.6%) of sic72 2038 (based on sh7287).

Going from sic87 to sic72, 2045 is split into two pieces: 21% to sic72 2038, and 79% to sic72 2045 (based on sh8772).

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

Sample Data
Concordance file between 1972 SIC codes and 1987 SIC codes

sic72	sic87	sh7287	sh8772	part	tot72	tot87
2011	2011	1	1	45536.6	45536.6	45536.6
2013	2013	1	1	16553.3	16553.3	16553.3
2016	2015	1	0.7734905	11534.6	11534.6	14912.4
2017	2015	1	0.2265095	3377.8	3377.8	14912.4
2021	2021	1	1	1420.4	1420.4	1420.4
2022	2022	1	1	12971.0	12971.0	12971.0
2023	2023	1	1	5856.7	5856.7	5856.7
2024	2024	1	1	3916.5	3916.5	3916.5
2026	2026	1	0.9945606	20478.5	20478.5	20590.5
2032	2032	1	1	5350.1	5350.1	5350.1
2033	2033	1	1	11889.5	11889.5	11889.5
2034	2034	0.8978585	1	1819.6	2026.6	1819.6
2034	2099	0.1021415	0.0211499	207.0	2026.6	9787.3
2035	2035	1	1	5050.3	5050.3	5050.3
2037	2037	1	1	6606.2	6606.2	6606.2
2038	2038	0.7652067	1	5617.0	7340.5	5617.0
2038	2045	0.0760302	0.2126014	558.1	7340.5	2625.1
2038	2053	0.158763	1	1165.4	7340.5	1165.4
2041	2041	1	1	4984.8	4984.8	4984.8
2043	2043	1	1	6565.7	6565.7	6565.7
2044	2044	0.954549	1	1234.9	1293.7	1234.9
2044	2099	0.045451	0.0060078	58.8	1293.7	9787.3
2045	2045	1	0.7873986	2067.0	2067.0	2625.1